III

ARMAMENT MEMORANDUM REPORT 66 - 10

BALLISTICS

F-100 SIGHT SETTINGS,
RANGE TABLES AND WIND CORRECTIONS FOR
AIR-TO-GROUND 20MM GUN; 2.75" FFAR STANDARD WARHEAD;
2.75" FFAR XM-151 WARHEAD AND 5.0" HPAR(ZUNI)

(PROJECT 2547)

BY

GERALD SOLOMON

MARCH 1966

BALLISTICS DIVISION
AIR FORCE ARMAMENT LABORATORY
RESEARCH AND TECHNOLOGY DIVISION

EGLIN AIR FORCE BASE, FLORIDA

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F-100
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This report contains tabulated sight setting data for the F-100 aircraft using ordnances 20MM, 2.75" FFAR with standard and XM-151 warheads, and the 5.0" HPAR (ZUNI).

for CHARLES E. WOOD, Lt Colonel, USAF
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INTRODUCTION

The sight settings in this report are presented for the 20MM HEI M56E2 projectile fired from the M-39 fuselage mounted guns, for the 2.75" FFAR rocket launched from the MA-2/A, MA-3, and the LAU-3/A launcher, and for the 5.0" HPAR (ZUNI) launched from the LAU-10/A launcher.

The electrically caged sight line is the reference line for all settings in this report. Sight settings include trajectory shift, gravity drop, and parallax corrections. The electrically and mechanically caged sight line lie 1.1 mils below the zero prediction line or 40 mils below the fuselage reference line. Angles of attack are given for the caged sight line in this report.

Since the mil conversion factor for the F-100 is 17.78 mils/deg, the gunline is placed 35.56 mils below the fuselage reference line. The zero prediction line or zero sight line intersects the mean fixed bore line at 1400 feet and is sloped 38.9 mils below the fuselage reference line. The mean sighthead-gun separation is 58 inches.

The sight settings in this report are harmonized for a 1400' crossover range. The settings may be converted to any crossover range desired by determining the parallax crossover correction. This correction may be found by computing the parallax correction for the specific crossover range, subtracting this value from 3.34 mils, and then subtracting the difference from the sight settings. In equation form the process is represented by:

$$S_{sc} = S_s - [3.34 \text{ mils} - 1000 \tan^{-1} \frac{P_{sg}}{S_r}]$$

where,

S_{sc} = converted sight setting for crossover range S_r

S_s = tabulated sight settings for 1400' crossover

P_{sg} = sighthead-gun separation

In a bank or turn, the gravity drop and the trajectory shift are not in the same plane and must be considered by components. The settings in this report are applicable for the aircraft g-loading experienced in a fixed-angle dive.

Sight settings are presented as functions of knots true airspeed, altitude above target, dive angle, and caged sight line angle of attack. Time of flight varies with angle of attack as do horizontal and slant ranges but the variation in time was found to be insignificant. A number of angles of attack are presented to provide for variation in angle of attack because of airspeed, altitude, aircraft gross weight, and dive angle variations. If intermediate values are desired, the tables may be linearly interpolated.

Horizontal and slant ranges were found to vary significantly with angle of attack and therefore ranges are presented as functions of angle of attack.

Wind effect is a function of time of flight and wind velocity. A mil correction to the depressed sight setting is listed for compensation of rangewind effect with rangewinds up to 50 knots in 10 knot intervals. Only absolute values are presented for wind effect and mil corrections. If wind effect is used, select the entry from the table which conditions warrant, offset the aimpoint beyond the target for headwinds, short of the target for tailwinds, and upwind for crosswinds. If mil corrections are used, add to the depressed sight setting for headwinds and subtract for tailwinds. Offset the aim point upwind, using wind effect, for crosswind.

The launch conditions listed in this report, based on a 4.0g recovery maneuver (2.0 sec g build-up time) should provide adequate ground clearance during recovery.

A minimum launch altitude table, which should provide safe separation (based on the escape maneuver described above) is included for the 2.75" FFAR XM-151 warhead. The table may also be used for the standard warhead. Minimum launch altitudes are not available for the 20MM projectile and the 5.0" ZUNI at the time of this publication.

The data contained in this report were generated by an IBM 7094 computer program using the equations of motion listed in the equation's section, pages v through viii.

2.75" FFAR XM-151
MINIMUM LAUNCH ALTITUDES
REQUIRED FOR SAFE RECOVERY FROM FRAGMENTS

4.0g RECOVERY

RELEASE KTAS	RELEASE DIVE ANGLE								
	10°	15°	[illegible]	25°	[illegible]	35°	40°	45°	50°
	MINIMUM LAUNCH ALTITUDE - FT								
360	700	900	1100	1300	1500	1700	1900	2000	2200
400	700	900	1200	1400	1600	1900	2100	2300	2500
440	900	1000	1300	1500	1800	2000	2300	2500	2900
480	900	1100	1400	1700	1900	2200	2500	2900	3400
520	1000	1200	1500	1800	2100	2400	2700	3300	3900
560	1000	1200	1600	1900	2300	2600	3100	3700	4400

EQUATIONS

1. $$T = \sin^{-1}\left[\frac{V_a \sin\theta}{(V_a^2 + V_m^2 + 2V_aV_m \cos\theta)^{1/2}}\right]$$

2. $$\lambda = \phi - \sigma + T$$

3. $$\eta = \omega - \beta \quad \text{(for rockets)}$$

   $$\eta = T - \theta \quad \text{(for guns)}$$

4. $$S_s = \lambda + \delta + 1000 \tan^{-1}\left[\frac{P_{S_G}}{S_r}\right] \quad \text{(for guns)}$$

   $$S_s = \mu + \delta + 1000 \tan^{-1}\left[\frac{P_{S_R}}{S_r}\right] \quad \text{(for rockets)}$$

5. $$H_r = \frac{A_t}{\tan(\gamma+\eta+\delta)}$$

6. $$S_r = \frac{A_t}{\sin(\gamma+\eta+\delta)}$$

7. $$\beta = \alpha - \epsilon$$

8. $$\omega = f_i \beta$$

9. $$\mu = \epsilon - \sigma + \omega$$

10. $$W_e = V_w \, t \, K$$

11. $$W_c = \frac{W_e \sin^2(\gamma+\delta)}{A_t} \quad (1000)$$

12. $$W_{c_c} = 1000 \tan^{-1}\left[\frac{W_e \sin(\gamma+\delta)}{A_t}\right]$$

where α = Fuselage reference line (FRL) angle of attack - mils

β = Launcher line (LL) angle of attack = angle between the aircraft flight path and the longitudinal axis of the launcher - mils

γ = Dive angle - degrees

δ' = Angular gravity drop - mils

ε = Launcher angle - angle between the fuselage reference line and the longitudinal axis of the launcher - mils

η = Angle between the effective launcher line (ELL) and the aircraft flight path for rockets and, for guns, it is the angle between the projectiles line of departure (LOD) and the aircraft flight path - mils

θ = Gun line angle of attack = angle between the gunline and the aircraft flight path - mils

λ = Bullet's line of departure depression angle - angle between the projectile's line of departure and the reference sight line - mils

μ = Rocket's effective launcher line depression angle = angle between the rocket's effective launcher line and the reference sight line - mils

σ = Sight angle = angle between the fuselage reference line of the aircraft and the reference sight line - mils

T = Trajectory shift angle = deflection of the bullet due to the gun being at angle of attack with respect to the aircraft flight path - mils

ϕ = Gun angle = angle between the fuselage reference line of the aircraft and the longitudinal axis or mean bore line of the gun - mils

ω = Velocity jump angle = deflection of the rocket due to the launcher being at angle of attack with respect to the aircraft flight path - mils

A_t = Altitude above target - feet

f_i = Launch factors - dimensionless

H_r = Horizontal range (Ground range) - feet

K = Conversion factor from knots to ft/sec = 1.6878

P_{S_G} = Parallax separation between gun and sight in feet

P_{S_R} = Parallax separation between rocket and sight in feet

S_r = Slant Range - feet

S_s = Sight Setting - mils

t = Ordnance time of flight - secs

V_a = Aircraft velocity - ft/sec

V_m = Muzzle velocity - ft/sec

V_w = Wind velocity - knots

W_c = Mil correction for range winds (headwind and tailwind) - mils

W_{c_c} = Mil correction for crosswind - mils

W_e = Wind effect = Deviation of impact point due to wind - feet

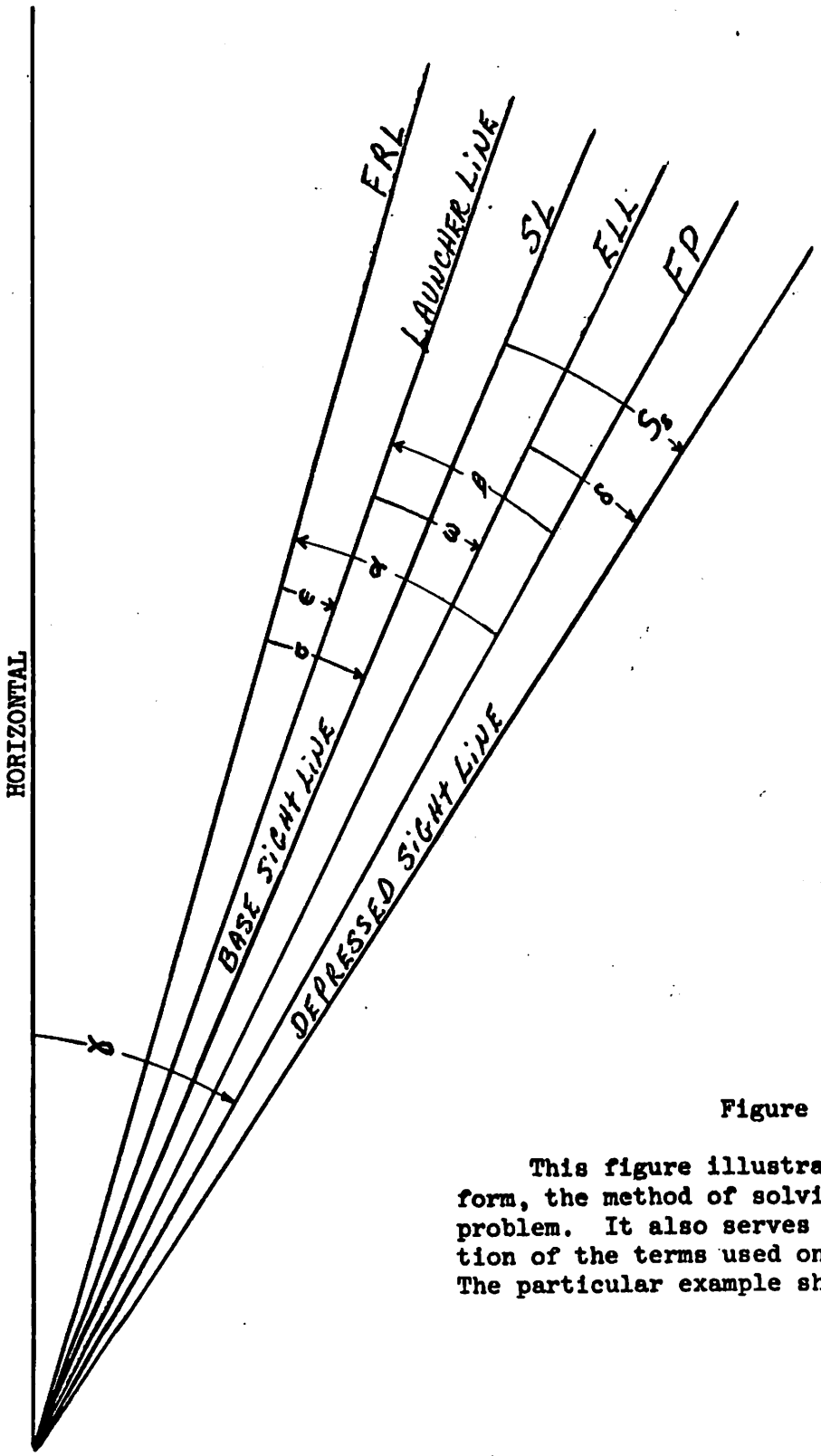

Figure 1

This figure illustrates, in a simplified form, the method of solving the sight setting problem. It also serves as a graphical definition of the terms used on the preceding pages. The particular example shown here is for rockets.

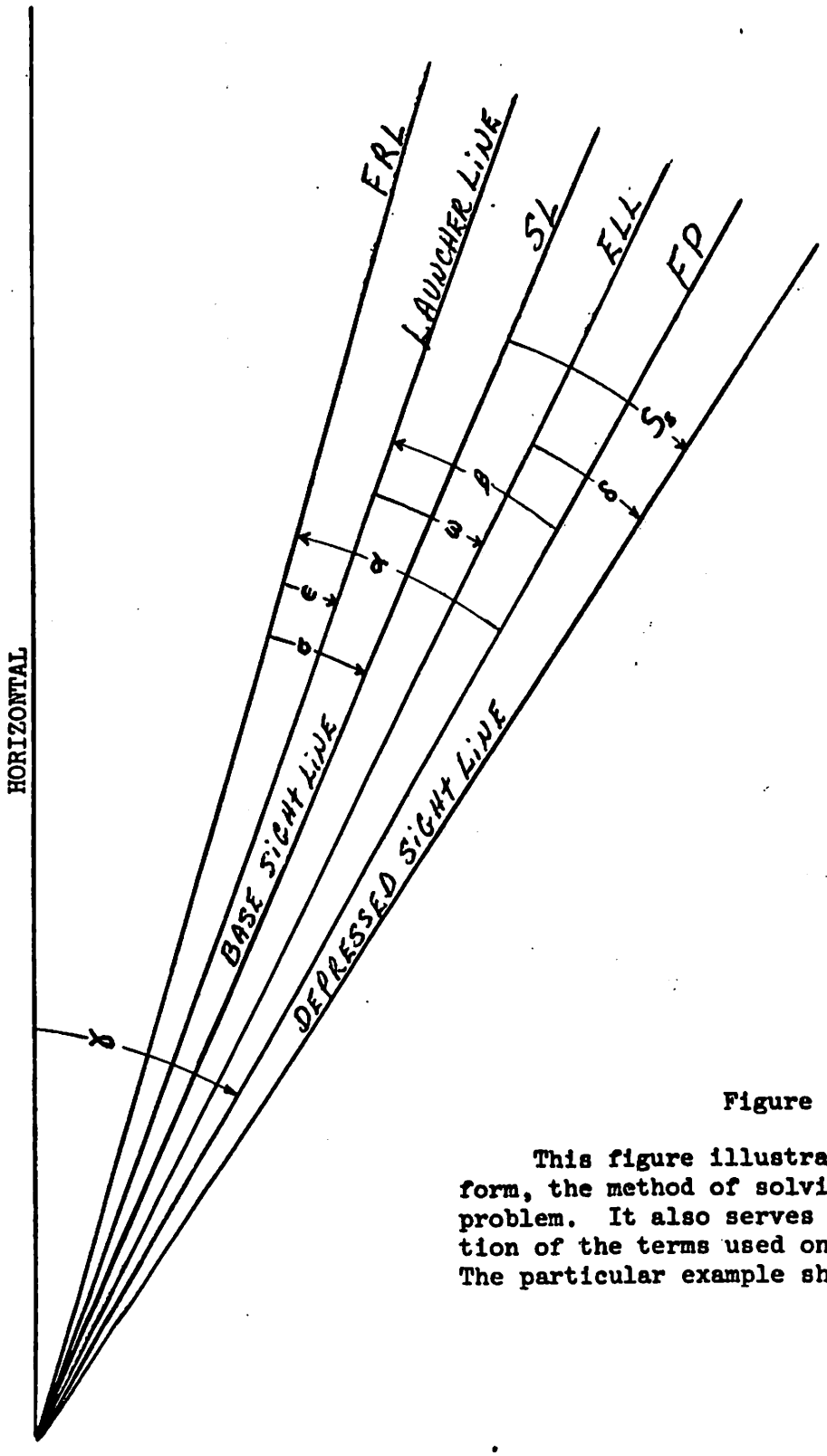

Figure 1

This figure illustrates, in a simplified form, the method of solving the sight setting problem. It also serves as a graphical definition of the terms used on the preceding pages. The particular example shown here is for rockets.

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	150	5	0.52	-2	-1	-1	-0	1	1	2	3	3	4
400	150	5	0.51	-2	-1	-1	-0	1	1	2	3	3	4
440	150	5	0.50	-3	-2	-1	-0	1	1	2	3	4	4
480	150	5	0.49	-3	-2	-1	-0	0	1	2	3	4	5
520	150	5	0.49	-3	-2	-1	-1	0	1	2	3	4	5
360	250	5	0.97	-1	-0	0	1	2	2	3	4	5	5
400	250	5	0.95	-1	-1	0	1	2	2	3	4	5	5
440	250	5	0.93	-2	-1	-0	1	1	2	3	4	5	6
480	250	5	0.92	-2	-1	-0	0	1	2	3	4	5	6
520	250	5	0.90	-3	-2	-1	0	1	2	3	4	5	6
560	250	5	0.89	-3	-2	-1	0	1	2	3	4	5	6
360	300	10	0.53	-2	-1	-1	-0	1	1	2	3	3	4
400	300	10	0.52	-2	-2	-1	-0	1	1	2	3	4	4
440	300	10	0.51	-3	-2	-1	-0	0	1	2	3	4	5
480	300	10	0.50	-3	-2	-1	-0	0	1	2	3	4	5
360	350	10	0.64	-2	-1	-1	-0	1	1	2	3	4	4
400	350	10	0.63	-2	-2	-1	-0	1	1	2	3	4	5
440	350	10	0.62	-3	-2	-1	-0	1	1	2	3	4	5
480	350	10	0.60	-3	-2	-1	-0	0	1	2	3	4	5
520	350	10	0.59	-4	-3	-2	-1	0	1	2	3	4	5
560	350	10	0.58	-4	-3	-2	-1	0	1	2	3	4	5

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	500	10	1.00	-1	-0	0	1	2	3	3	4	5	5
400	500	10	0.99	-1	-1	0	1	2	2	3	4	5	6
440	500	10	0.97	-2	-1	-0	1	2	2	3	4	5	6
480	500	10	0.95	-2	-1	-0	0	1	2	3	4	5	6
520	500	10	0.93	-3	-2	-1	0	1	2	3	4	5	6
560	500	10	0.91	-3	-2	-1	0	1	2	3	4	5	6
360	700	10	1.61	2	2	3	4	5	5	6	7	8	8
400	700	10	1.58	1	2	3	4	4	5	6	7	8	8
440	700	10	1.55	1	1	2	3	4	5	6	7	8	8
480	700	10	1.52	0	1	2	3	4	5	6	7	8	8
520	700	10	1.49	-1	0	1	2	3	4	5	6	7	8
560	700	10	1.46	-1	0	1	2	3	4	5	6	7	9
360	500	15	0.61	-2	-1	-1	-0	1	1	2	3	4	4
400	500	15	0.60	-3	-2	-1	-0	1	1	2	3	4	5
440	500	15	0.59	-3	-2	-1	-0	0	1	2	3	4	5
480	500	15	0.58	-3	-2	-1	-1	0	1	2	3	4	5
360	600	15	0.77	-2	-1	-0	0	1	2	2	3	4	5
400	600	15	0.75	-2	-2	-1	0	1	2	2	3	4	5
440	600	15	0.74	-3	-2	-1	-0	1	2	2	3	4	5
480	600	15	0.72	-3	-2	-1	-0	1	2	2	3	4	5
520	600	15	0.71	-3	-2	-1	-0	1	2	2	3	4	5

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	750	15	1.02	-1	-0	0	1	2	3	3	4	5	6
400	750	15	1.00	-2	-1	0	1	2	2	3	4	5	6
440	750	15	0.98	-2	-1	-0	1	1	2	3	4	5	6
480	750	15	0.97	-2	-1	-1	0	1	2	3	4	5	6
520	750	15	0.95	-3	-2	-1	0	1	2	3	4	5	6
560	750	15	0.93	-3	-2	-1	-0	1	2	3	4	5	6
360	850	15	1.22	-0	0	1	2	3	3	4	5	6	6
400	850	15	1.19	-1	-0	1	2	2	3	4	5	6	6
440	850	15	1.17	-1	-0	0	1	2	3	4	5	6	7
480	850	15	1.15	-2	-1	0	1	2	3	4	5	6	7
520	850	15	1.12	-2	-1	-0	1	2	3	4	5	6	7
560	850	15	1.10	-3	-2	-1	1	2	3	4	5	6	7
360	1000	15	1.54	1	2	3	3	4	5	6	6	7	8
400	1000	15	1.51	1	1	2	3	4	5	5	6	7	8
440	1000	15	1.48	0	1	2	3	4	4	5	6	7	8
480	1000	15	1.45	-0	0	1	2	3	4	5	6	7	8
520	1000	15	1.42	-1	0	1	2	3	4	5	6	7	8
560	1000	15	1.39	-1	-0	1	2	3	4	5	6	7	8
360	1000	20	1.04	-1	-0	0	1	2	3	3	4	5	5
400	1000	20	1.02	-2	-1	-0	1	2	2	3	4	5	6
440	1000	20	1.00	-2	-1	-0	1	1	2	3	4	5	6
480	1000	20	0.98	-3	-2	-1	0	1	2	3	4	5	6
520	1000	20	0.96	-3	-2	-1	0	1	2	3	4	5	6
560	1000	20	0.94	-3	-2	-1	-0	1	2	3	4	5	6

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1500	30	1.08	-1	-1	0	1	2	2	3	4	5	5
400	1500	30	1.06	-2	-1	-0	1	1	2	3	4	5	5
440	1500	30	1.04	-2	-1	-1	0	1	2	3	4	5	6
480	1500	30	1.02	-3	-2	-1	0	1	2	3	4	5	6
360	2000	30	1.64	1	2	2	3	4	5	5	6	7	8
400	2000	30	1.61	0	1	2	3	3	4	5	6	7	8
440	2000	30	1.57	-0	1	1	2	3	4	5	6	7	8
480	2000	30	1.54	-1	0	1	2	3	4	5	6	7	8
520	2000	30	1.51	-1	-0	1	2	3	4	5	6	7	8
560	2000	30	1.48	-2	-1	0	1	2	4	5	6	7	8
360	2500	30	2.37	4	5	6	7	7	8	9	10	10	11
400	2500	30	2.31	4	4	5	6	7	8	8	9	10	11
440	2500	30	2.26	3	4	5	5	6	7	8	9	10	11
480	2500	30	2.21	2	3	4	5	6	7	8	9	10	11
520	2500	30	2.16	2	3	4	5	6	7	8	9	10	11
560	2500	30	2.12	1	2	3	4	5	6	7	8	10	11
360	3000	30	3.23	9	10	11	12	12	13	14	15	15	16
400	3000	30	3.16	8	9	10	11	12	13	[illegible]	14	15	16
440	3000	30	3.10	8	8	9	10	11	12	13	[illegible]	15	16
480	3000	30	3.04	7	8	9	9	10	11	12	13	[illegible]	15
520	3000	30	2.98	6	7	8	9	10	11	12	13	14	[illegible]
560	3000	30	2.92	5	6	7	8	9	10	11	13	14	15

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	3500	30	4.17	16	17	17	18	19	20	21	21	22	23
400	3500	30	4.09	15	16	16	17	18	19	20	21	21	22
440	3500	30	4.02	14	15	15	16	17	18	19	20	21	22
480	3500	30	3.95	13	14	15	15	16	17	18	19	20	21
520	3500	30	3.89	12	13	14	15	16	17	18	19	20	21
560	3500	30	3.82	11	12	13	14	15	16	17	18	19	20
360	4000	30	5.15	24	25	25	26	27	28	28	29	30	31
400	4000	30	5.07	22	23	24	25	26	27	27	28	29	30
440	4000	30	5.00	21	22	23	24	25	26	26	27	28	29
480	4000	30	4.92	20	21	22	23	24	25	26	27	28	28
520	4000	30	4.85	19	20	21	22	23	24	25	26	27	28
560	4000	30	4.77	17	19	20	21	22	23	24	25	26	27
360	4500	30	6.17	33	33	34	35	36	36	37	38	39	39
400	4500	30	6.08	31	32	33	33	34	35	36	37	38	38
440	4500	30	6.00	30	30	31	32	33	34	35	36	37	38
480	4500	30	5.92	28	29	30	31	32	33	34	35	36	37
520	4500	30	5.84	27	28	29	30	31	32	33	34	35	36
560	4500	30	5.77	25	26	28	29	30	31	32	33	34	35
360	5000	30	7.21	42	43	44	44	45	46	47	47	48	49
400	5000	30	7.12	40	41	42	43	44	44	45	46	47	48
440	5000	30	7.04	39	40	40	41	42	43	44	45	46	47
480	5000	30	6.95	37	38	39	40	41	42	43	44	45	46
520	5000	30	6.87	36	37	38	39	40	41	42	43	44	45
560	5000	30	6.79	34	35	36	37	38	39	41	42	43	44

SIGHT SETTINGS

AIRCRAFT - F-1[illegible] ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	3000	45	1.80	-0	1	1	2	3	4	5	5	6	7
400	3000	45	1.76	-1	0	1	2	3	4	4	5	6	7
440	3000	45	1.72	-1	-0	1	2	2	3	4	5	6	7
480	3000	45	1.68	-2	-1	0	1	2	3	4	5	6	7
360	3500	45	2.32	2	3	4	4	5	6	7	7	8	9
400	3500	45	2.27	1	2	3	4	5	5	6	7	8	9
440	3500	45	2.22	1	2	3	3	4	5	6	7	8	9
480	3500	45	2.17	0	1	2	3	4	5	6	7	8	9
520	3500	45	2.12	-0	1	2	3	4	5	6	7	8	9
360	4000	45	2.92	5	5	6	7	8	8	9	10	11	12
400	4000	45	2.86	4	5	6	6	7	8	9	10	11	11
440	4000	45	2.79	3	4	5	6	7	8	9	9	10	11
480	4000	45	2.73	2	3	4	5	6	7	8	9	10	11
520	4000	45	2.67	2	3	4	5	6	7	8	9	10	11
560	4000	45	2.62	1	2	3	4	5	7	8	9	10	11
360	4500	45	3.57	8	9	10	10	11	12	13	13	14	15
400	4500	45	3.50	7	8	9	10	10	11	12	13	14	15
440	4500	45	3.43	6	7	8	9	10	11	12	13	13	14
480	4500	45	3.36	5	6	7	8	9	10	11	12	13	14
520	4500	45	3.30	5	6	7	8	9	10	11	12	13	14
560	4500	45	3.23	4	5	6	7	8	9	10	11	13	14

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	5000	45	4.27	12	13	14	14	15	16	17	17	18	19
400	5000	45	4.19	11	12	13	13	14	15	16	17	18	18
440	5000	45	4.11	10	11	12	13	14	14	15	16	17	18
480	5000	45	4.04	9	10	11	12	13	14	15	16	17	18
520	5000	45	3.96	8	9	10	11	12	13	14	15	16	17
560	5000	45	3.89	7	8	9	10	12	13	14	15	16	17
360	5500	45	4.99	16	17	18	19	20	20	21	22	23	23
400	5500	45	4.90	15	16	17	18	19	19	20	21	22	23
440	5500	45	4.82	14	15	16	17	18	19	20	20	21	22
480	5500	45	4.74	13	14	15	16	17	18	19	20	21	22
520	5500	45	4.66	12	13	14	15	16	17	18	19	20	21
560	5500	45	4.58	11	12	13	14	15	16	18	19	20	21
360	6000	45	5.74	21	22	23	24	24	25	26	27	27	28
400	6000	45	5.65	20	21	22	23	23	24	25	26	27	28
440	6000	45	5.56	19	20	21	22	22	23	24	25	26	27
480	6000	45	5.47	18	19	20	21	22	22	23	24	25	26
520	6000	45	5.39	17	18	19	20	21	22	23	24	25	26
560	6000	45	5.30	15	17	18	19	20	21	22	23	24	25
360	6500	45	6.51	27	28	28	29	30	31	31	32	33	34
400	6500	45	6.42	25	26	27	28	29	29	30	31	32	33
440	6500	45	6.32	24	25	26	27	28	28	29	30	31	32
480	6500	45	6.23	23	24	25	26	27	27	28	29	30	31
520	6500	45	6.14	21	22	23	24	26	27	28	29	30	31
560	6500	45	6.05	20	21	22	23	25	26	27	28	29	30

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK ± MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	7000	45	7.30	32	33	34	35	35	36	37	38	38	39
400	7000	45	7.21	31	32	33	33	34	35	36	37	38	38
440	7000	45	7.11	29	30	31	32	33	34	35	36	37	38
480	7000	45	7.01	28	29	30	31	32	33	34	35	36	37
520	7000	45	6.92	27	28	29	30	31	32	33	34	35	36
560	7000	45	6.82	25	26	28	29	30	31	32	33	34	35
360	7500	45	8.11	38	39	40	41	41	42	43	44	44	45
400	7500	45	8.01	37	38	38	39	40	41	42	43	43	44
440	7500	45	7.91	35	36	37	38	39	40	41	41	42	43
480	7500	45	7.81	34	35	36	37	38	39	39	40	41	42
520	7500	45	7.71	32	33	34	35	36	37	38	39	40	41
560	7500	45	7.61	31	32	33	34	35	36	37	38	39	41
560	7500	45	7.61	31	32	33	34	35	36	37	38	39	41
360	8000	45	8.94	45	45	46	47	48	48	49	50	51	51
400	8000	45	8.83	43	44	45	45	46	47	48	49	50	50
440	8000	45	8.73	41	42	43	44	45	46	47	47	48	49
480	8000	45	8.62	40	41	42	43	43	44	45	46	47	48
520	8000	45	8.52	38	39	40	41	42	43	44	45	46	47
560	8000	45	8.42	37	38	39	40	41	42	43	44	45	46
360	5000	60	3.01	2	2	3	4	5	5	6	7	8	8
400	5000	60	2.94	1	2	3	3	4	5	6	7	8	8
440	5000	60	2.88	0	1	2	3	4	5	6	7	7	8
480	5000	60	2.81	-0	1	2	3	4	5	6	6	7	8

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	5500	60	3.54	3	4	5	6	7	7	8	9	10	10
400	5500	60	3.47	3	4	4	5	6	7	8	9	9	10
440	5500	60	3.40	2	3	4	5	6	7	7	8	9	10
480	5500	60	3.33	1	2	3	4	5	6	7	8	9	10
520	5500	60	3.26	1	2	3	4	5	6	7	8	9	10
360	6000	60	4.11	6	6	7	8	9	9	10	11	12	12
400	6000	60	4.03	5	6	6	7	8	9	10	11	11	12
440	6000	60	3.95	4	5	6	7	8	9	9	10	11	12
480	6000	60	3.87	3	4	5	6	7	8	9	10	11	12
520	6000	60	3.80	3	4	5	6	7	8	9	10	11	12
560	6000	60	3.72	2	3	4	5	6	7	8	10	11	12
360	6500	60	4.70	8	9	10	10	11	12	13	13	14	15
400	6500	60	4.61	7	8	9	10	11	11	12	13	14	15
440	6500	60	4.53	6	7	8	9	10	11	12	13	14	14
480	6500	60	4.45	6	7	7	8	9	10	11	12	13	14
520	6500	60	4.36	5	6	7	8	9	10	11	12	13	14
560	6500	60	4.28	4	5	6	7	8	9	11	12	13	14
360	7000	60	5.31	11	11	12	13	14	15	15	16	17	18
400	7000	60	5.22	10	11	11	12	13	14	15	16	16	17
440	7000	60	5.13	9	10	11	12	12	13	14	15	16	17
480	7000	60	5.04	8	9	10	11	12	13	14	15	16	17
520	7000	60	4.95	7	8	9	10	11	12	13	14	15	16
560	7000	60	4.87	6	7	8	10	11	12	13	14	15	16

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	7500	60	5.94	14	14	15	16	17	17	18	19	20	20
400	7500	60	5.84	13	13	14	15	16	17	18	18	19	20
440	7500	60	5.75	12	12	13	14	15	16	17	18	19	20
480	7500	60	5.65	11	12	13	14	14	15	16	17	18	19
520	7500	60	5.56	10	11	12	13	14	15	16	17	18	19
560	7500	60	5.47	9	10	11	12	13	14	15	16	18	19
360	8000	60	6.58	17	17	18	19	20	20	21	22	23	23
400	8000	60	6.48	16	16	17	18	19	20	21	21	22	23
440	8000	60	6.38	15	15	16	17	18	19	20	21	22	23
480	8000	60	6.28	13	14	15	16	17	18	19	20	21	22
520	8000	60	6.19	13	14	15	16	17	18	19	20	21	22
560	8000	60	6.09	12	13	14	15	16	17	18	19	20	21
360	8500	60	7.25	20	21	21	22	23	24	24	25	26	27
400	8500	60	7.14	19	20	20	21	22	23	24	25	25	26
440	8500	60	7.04	18	19	19	20	21	22	23	24	25	26
480	8500	60	6.93	17	17	18	19	20	21	22	23	24	25
520	8500	60	6.83	15	16	18	19	20	21	22	23	24	25
560	8500	60	6.73	14	16	17	18	19	20	21	22	23	24
360	9000	60	7.93	23	24	25	26	26	27	28	29	29	30
400	9000	60	7.82	22	23	24	25	25	26	27	28	29	29
440	9000	60	7.71	21	22	23	24	24	25	26	27	28	29
480	9000	60	7.60	20	21	22	23	24	25	25	26	27	28
520	9000	60	7.49	19	20	21	22	23	24	25	26	27	28
560	9000	60	7.39	18	19	20	21	22	23	24	25	26	27

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	9500	60	8.62	27	28	28	29	30	31	31	32	33	34
400	9500	60	8.51	25	26	27	28	29	30	30	31	32	33
440	9500	60	8.39	24	25	26	27	28	29	30	30	31	32
480	9500	60	8.28	23	24	25	26	27	28	29	30	31	32
520	9500	60	8.17	22	23	24	25	26	27	28	29	30	31
560	9500	60	8.06	21	22	23	24	25	26	27	28	29	30
360	10000	60	9.33	30	31	32	33	33	34	35	36	36	37
400	10000	60	9.21	29	30	31	31	32	33	34	35	36	36
440	10000	60	9.09	28	29	29	30	31	32	33	34	35	36
480	10000	60	8.97	26	27	28	29	30	31	32	33	34	35
520	10000	60	8.85	25	26	27	28	29	30	31	32	33	34
560	10000	60	8.74	24	25	26	27	28	29	31	32	33	34
360	10500	60	10.04	34	35	36	36	37	38	39	39	40	41
400	10500	60	9.92	33	33	34	35	36	37	38	38	39	40
440	10500	60	9.79	31	32	33	34	35	36	37	38	38	39
480	10500	60	9.67	30	31	32	33	34	35	36	37	38	39
520	10500	60	9.55	29	30	31	32	33	34	35	36	37	38
560	10500	60	9.43	27	29	30	31	32	33	34	35	36	37
360	11000	60	10.76	38	39	39	40	41	42	42	43	44	45
400	11000	60	10.63	36	37	38	39	40	40	41	42	43	44
440	11000	60	10.51	35	36	37	38	39	39	40	41	42	43
480	11000	60	10.38	34	35	35	36	37	38	39	40	41	42
520	11000	60	10.26	32	33	34	35	36	37	38	39	40	41
560	11000	60	10.14	31	32	33	34	35	36	37	39	40	41

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	11500	60	11.49	42	42	43	44	45	45	46	47	48	48
400	11500	60	11.36	40	41	42	43	43	44	45	46	47	48
440	11500	60	11.23	39	40	40	41	42	43	44	45	46	47
480	11500	60	11.10	37	38	39	40	41	42	43	44	45	46
520	11500	60	10.98	36	37	38	39	40	41	42	43	44	45
560	11500	60	10.85	34	36	37	38	39	40	41	42	43	44
360	12000	60	12.23	45	46	47	48	48	49	50	51	52	52
400	12000	60	12.09	44	45	46	46	47	48	49	50	51	51
440	12000	60	11.96	42	43	44	45	46	47	48	49	50	50
480	12000	60	11.83	41	42	43	44	45	46	47	48	49	50
520	12000	60	11.70	39	41	42	43	44	45	46	47	48	49
560	12000	60	11.57	38	39	40	41	42	44	45	46	47	48

RANGE TABLES

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M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGE DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	150	5	0.52	1467	1595	1748	1934	2164	1459	1588	1742	1928	2159
400	150	5	0.51	1471	1598	1749	1931	2156	1463	1591	1742	1925	2151
440	150	5	0.50	1475	1601	1749	1928	2148	1468	1593	1743	1922	2143
480	150	5	0.49	1479	1603	1749	1925	2140	1472	1596	1743	1919	2135
520	150	5	0.49	1483	1605	1750	1922	2133	1476	1598	1743	1916	2128
360	250	5	0.97	2393	2598	2841	3134	3496	2380	2586	2830	3124	3487
400	250	5	0.95	2402	2604	2844	3133	3487	2389	2592	2833	3123	3478
440	250	5	0.93	2411	2611	2847	3131	3478	2398	2599	2836	3121	3469
480	250	5	0.92	2419	2617	2850	3129	3470	2406	2605	2839	3119	3460
520	250	5	0.90	2427	2622	2853	3127	3461	2414	2610	2842	3117	3452
560	250	5	0.89	2434	2628	2855	3126	3453	2421	2616	2844	3116	3444
360	300	10	0.53	1591	1662	1741	1827	1923	1562	1635	1715	1803	1899
400	300	10	0.52	1593	1664	1741	1826	1920	1565	1637	1715	1801	1896
440	300	10	0.51	1596	1665	1741	1825	1917	1567	1638	1715	1800	1893
480	300	10	0.50	1598	1667	1741	1823	1914	1570	1639	1715	1799	1890
360	350	10	0.64	1851	1934	2025	2125	2236	1818	1902	1995	2096	2209
400	350	10	0.63	1854	1936	2026	2124	2233	1821	1904	1995	2095	2205
440	350	10	0.62	1857	1938	2026	2123	2229	1824	1906	1996	2094	2202
480	350	10	0.60	1860	1940	2026	2122	2226	1827	1908	1996	2092	2198
520	350	10	0.59	1863	1941	2027	2120	2223	1830	1909	1996	2091	2195
560	350	10	0.58	1865	1943	2027	2119	2220	1832	1911	1997	2090	2192

RANGE TABLES

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M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	500	10	1.00	2620	2736	2864	3004	3159	2571	2690	2820	2962	3119
400	500	10	0.99	2625	2740	2865	3003	3155	2577	2694	2821	2961	3115
440	500	10	0.97	2630	2743	2867	3003	3152	2582	2697	2823	2961	3112
480	500	10	0.95	2635	2747	2869	3002	3148	2587	2701	2825	2960	3109
520	500	10	0.93	2640	2750	2870	3001	3145	2592	2704	2826	2959	3105
560	500	10	0.91	2644	2753	2871	3001	3142	2597	2707	2828	2959	3102
360	700	10	1.61	3606	3764	3936	4125	4333	3538	3698	3873	4065	4276
400	700	10	1.58	3616	3772	3941	4127	4332	3548	3706	3879	4067	4275
440	700	10	1.55	3625	3779	3946	4129	4331	3557	3713	3884	4070	4274
480	700	10	1.52	3634	3786	3951	4131	4329	3566	3721	3889	4072	4272
520	700	10	1.49	3643	3793	3955	4133	4328	3575	3727	3893	4074	4271
560	700	10	1.46	3651	3799	3960	4135	4327	3583	3734	3897	4075	4269
360	500	15	0.61	1826	1881	1939	2001	2068	1757	1813	1874	1938	2006
400	500	15	0.60	1828	1882	1940	2001	2066	1759	1815	1874	1937	2004
440	500	15	0.59	1830	1883	1940	2000	2064	1761	1816	1874	1936	2002
480	500	15	0.58	1832	1884	1940	1999	2062	1763	1817	1874	1935	2000
360	600	15	0.77	2186	2251	2321	2395	2474	2102	2170	2242	2318	2400
400	600	15	0.75	2189	2253	2321	2394	2472	2105	2172	2242	2318	2398
440	600	15	0.74	2191	2255	2322	2393	2470	2107	2173	2243	2317	2396
480	600	15	0.72	2194	2256	2322	2393	2468	2110	2175	2243	2316	2393
520	600	15	0.71	2196	2258	2323	2392	2465	2112	2176	2244	2315	2391

RANGE TABLES

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M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT. ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	750	15	1.02	2720	2801	2887	2979	3077	2615	2699	2788	2883	2984
400	750	15	1.00	2724	2804	2888	2979	3075	2619	2702	2789	2883	2982
440	750	15	0.98	2728	2806	2890	2978	3073	2623	2704	2791	2882	2980
480	750	15	0.97	2731	2809	2891	2978	3071	2626	2707	2792	2882	2978
520	750	15	0.95	2735	2811	2892	2977	3069	2630	2709	2793	2881	2976
560	750	15	0.93	2738	2813	2893	2977	3067	2633	2711	2794	2881	2974
360	850	15	1.22	3073	3164	3260	3363	3473	2953	3047	3148	3254	3368
400	850	15	1.19	3077	3167	3262	3364	3472	2958	3051	3149	3254	3366
440	850	15	1.17	3082	3170	3264	3364	3470	2962	3054	3151	3254	3364
480	850	15	1.15	3086	3173	3266	3364	3468	2967	3057	3153	3254	3362
520	850	15	1.12	3090	3176	3267	3364	3466	2971	3060	3155	3254	3360
560	850	15	1.10	3094	3179	3268	3364	3464	2975	3063	3156	3254	3359
360	1000	15	1.54	3593	3699	3811	3931	4058	3451	3561	3678	3801	3933
400	1000	15	1.51	3599	3704	3814	3932	4058	3458	3566	3681	3803	3932
440	1000	15	1.48	3606	3708	3817	3933	4057	3464	3571	3684	3804	3931
480	1000	15	1.45	3611	3713	3820	3934	4056	3470	3575	3687	3805	3930
520	1000	15	1.42	3617	3717	3823	3935	4054	3476	3580	3690	3806	3929
560	1000	15	1.39	3622	3721	3825	3936	4053	3482	3584	3692	3807	3928
360	1000	20	1.04	2790	2852	2916	2984	3055	2605	2671	2740	2812	2887
400	1000	20	1.02	2793	2854	2917	2984	3054	2608	2673	2741	2811	2885
440	1000	20	1.00	2796	2856	2918	2984	3052	2611	2675	2741	2811	2884
480	1000	20	0.98	2799	2857	2919	2983	3051	2614	2677	2742	2811	2882
520	1000	20	0.96	2801	2859	2920	2983	3049	2617	2679	2743	2810	2881
560	1000	20	0.94	2804	2861	2920	2983	3048	2619	2680	2744	2810	2879

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AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	1500	30	1.08	2913	2954	2996	3040	3085	2497	2545	2594	2644	2696
400	1500	30	1.06	2915	2955	2997	3040	3084	2500	2546	2594	2644	2694
440	1500	30	1.04	2917	2956	2997	3039	3083	2502	2548	2595	2643	2693
480	1500	30	1.02	2919	2958	2998	3039	3082	2504	2549	2595	2643	2692
360	2000	30	1.64	3867	3921	3977	4034	4093	3310	3373	3437	3503	3572
400	2000	30	1.61	3870	3923	3978	4035	4093	3314	3375	3439	3504	3571
440	2000	30	1.57	3874	3926	3980	4035	4093	3317	3378	3440	3505	3571
480	2000	30	1.54	3877	3928	3981	4036	4092	3321	3381	3442	3505	3570
520	2000	30	1.51	3879	3930	3982	4036	4091	3324	3383	3443	3506	3569
560	2000	30	1.48	3882	3932	3983	4036	4091	3327	3385	3445	3506	3569
360	2500	30	2.37	4804	4870	4938	5009	5082	4102	4179	4259	4341	4425
400	2500	30	2.31	4809	4874	4942	5011	5083	4108	4184	4263	4343	4426
440	2500	30	2.26	4814	4879	4945	5013	5084	4114	4189	4266	4346	4427
480	2500	30	2.21	4819	4883	4948	5015	5085	4120	4194	4270	4348	4428
520	2500	30	2.16	4824	4886	4951	5017	5086	4125	4198	4273	4350	4429
560	2500	30	2.12	4828	4890	4953	5019	5086	4131	4202	4276	4352	4429
360	3000	30	3.23	5714	5792	5872	5956	6041	4863	4955	5048	5145	5244
400	3000	30	3.16	5723	5799	5879	5960	6045	4873	4963	5056	5150	5248
440	3000	30	3.10	5731	5806	5884	5965	6048	4883	4971	5062	5156	5252
480	3000	30	3.04	5738	5813	5890	5969	6051	4892	4979	5069	5161	5255
520	3000	30	2.98	5746	5819	5895	5974	6054	4900	4987	5075	5166	5259
560	3000	30	2.92	5753	5826	5900	5977	6057	4909	4994	5081	5170	5262

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	3500	30	4.17	6594	6682	6774	6868	6965	5588	5692	5799	5909	6022
400	3500	30	4.09	6606	6693	6783	6876	6972	5602	5705	5810	5918	6030
440	3500	30	4.02	6617	6703	6792	6884	6978	5615	5717	5821	5927	6037
480	3500	30	3.95	6628	6713	6801	6891	6984	5628	5728	5831	5936	6044
520	3500	30	3.89	6638	6722	6809	6898	6990	5641	5739	5840	5944	6051
560	3500	30	3.82	6649	6732	6817	6905	6996	5653	5750	5850	5952	6057
360	4000	30	5.15	7441	7539	7640	7744	7852	6274	6390	6509	6631	6757
400	4000	30	5.07	7456	7553	7653	7756	7862	6292	6406	6524	6644	6768
440	4000	30	5.00	7471	7566	7665	7767	7872	6310	6423	6538	6657	6779
480	4000	30	4.92	7485	7580	7677	7777	7881	6327	6438	6553	6670	6790
520	4000	30	4.85	7499	7593	7689	7788	7890	6343	6453	6566	6682	6801
560	4000	30	4.77	7513	7605	7700	7798	7898	6359	6468	6579	6693	6811
360	4500	30	6.17	8255	8361	8471	8585	8702	6920	7047	7177	7311	7448
400	4500	30	6.08	8274	8379	8487	8600	8715	6943	7068	7196	7328	7464
440	4500	30	6.00	8292	8396	8503	8614	8728	6965	7088	7215	7345	7479
480	4500	30	5.92	8310	8413	8519	8628	8741	6986	7108	7233	7362	7493
520	4500	30	5.84	8327	8429	8534	8642	8753	7007	7127	7251	7378	7508
560	4500	30	5.77	8345	8445	8548	8655	8765	7027	7146	7268	7393	7521
360	5000	30	7.21	9037	9151	9269	9390	9516	7528	7664	7805	7949	8096
400	5000	30	7.12	9059	9172	9289	9409	9533	7555	7690	7828	7970	8116
440	5000	30	7.04	9081	9193	9308	9427	9549	7581	7714	7851	7991	8135
480	5000	30	6.95	9103	9213	9327	9444	9565	7607	7739	7874	8012	8154
520	5000	30	6.87	9124	9233	9345	9461	9580	7632	7762	7895	8032	8172
560	5000	30	6.79	9144	9252	9363	9478	9596	7656	7785	7917	8052	8190

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	3000	45	1.80	4163	4197	4231	4266	4303	2887	2935	2984	3034	3084
400	3000	45	1.76	4165	4198	4232	4267	4302	2890	2937	2985	3034	3084
440	3000	45	1.72	4167	4200	4233	4267	4302	2892	2939	2986	3034	3083
480	3000	45	1.68	4169	4201	4234	4267	4301	2895	2941	2987	3034	3083
360	3500	45	2.32	4847	4886	4926	4966	5008	3353	3409	3466	3523	3582
400	3500	45	2.27	4850	4888	4927	4967	5008	3357	3412	3468	3525	3582
440	3500	45	2.22	4852	4890	4928	4968	5008	3361	3415	3470	3526	3582
480	3500	45	2.17	4855	4892	4930	4969	5008	3364	3417	3472	3527	3582
520	3500	45	2.12	4857	4894	4931	4969	5008	3368	3420	3473	3527	3582
360	4000	45	2.92	5524	5568	5613	5660	5707	3810	3874	3938	4004	4071
400	4000	45	2.86	5528	5571	5616	5661	5708	3815	3878	3942	4006	4072
440	4000	45	2.79	5532	5574	5618	5663	5709	3821	3882	3945	4008	4073
480	4000	45	2.73	5535	5577	5620	5664	5709	3826	3886	3948	4010	4074
520	4000	45	2.67	5538	5580	5622	5666	5710	3830	3890	3951	4012	4075
560	4000	45	2.62	5541	5582	5624	5667	5711	3835	3894	3953	4014	4076
360	4500	45	3.57	6194	6243	6293	6345	6398	4256	4327	4400	4473	4547
400	4500	45	3.50	6199	6247	6297	6348	6399	4264	4333	4405	4477	4550
440	4500	45	3.43	6204	6251	6300	6350	6401	4271	4339	4409	4480	4553
480	4500	45	3.36	6208	6255	6303	6352	6403	4277	4345	4414	4484	4555
520	4500	45	3.30	6213	6259	6306	6355	6404	4284	4350	4418	4487	4557
560	4500	45	3.23	6217	6263	6309	6357	6406	4290	4356	4422	4490	4559

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	5000	45	4.27	6856	6910	6965	7021	7079	4690	4769	4848	4929	5012
400	5000	45	4.19	6862	6915	6969	7025	7082	4700	4777	4855	4935	5016
440	5000	45	4.11	6868	6920	6974	7029	7085	4709	4785	4862	4940	5020
480	5000	45	4.04	6874	6926	6978	7032	7088	4717	4792	4868	4945	5023
520	5000	45	3.96	6880	6931	6983	7036	7090	4726	4799	4874	4950	5027
560	5000	45	3.89	6885	6935	6987	7039	7093	4733	4806	4880	4955	5030
360	5500	45	4.99	7509	7567	7627	7688	7751	5112	5197	5284	5372	5462
400	5500	45	4.90	7517	7574	7633	7694	7755	5123	5207	5293	5380	5468
440	5500	45	4.82	7524	7581	7639	7699	7760	5134	5217	5301	5387	5474
480	5500	45	4.74	7531	7587	7645	7703	7763	5145	5227	5310	5394	5479
520	5500	45	4.66	7538	7594	7650	7708	7767	5155	5236	5317	5400	5484
560	5500	45	4.58	7545	7600	7655	7712	7771	5165	5244	5325	5406	5489
360	6000	45	5.74	8153	8216	8280	8346	8414	5520	5612	5706	5801	5898
400	6000	45	5.65	8162	8224	8288	8353	8419	5534	5625	5717	5811	5906
440	6000	45	5.56	8171	8232	8295	8359	8424	5547	5637	5728	5820	5914
480	6000	45	5.47	8180	8240	8302	8365	8430	5560	5648	5738	5829	5921
520	6000	45	5.39	8188	8248	8309	8371	8435	5572	5659	5748	5837	5928
560	6000	45	5.30	8197	8255	8315	8377	8439	5584	5670	5757	5845	5935
360	6500	45	6.51	8788	8855	8924	8994	9066	5915	6014	6114	6216	6320
400	6500	45	6.42	8799	8865	8933	9002	9073	5931	6028	6127	6228	6330
440	6500	45	6.32	8810	8875	8941	9010	9080	5946	6042	6140	6239	6340
480	6500	45	6.23	8820	8884	8950	9017	9086	5961	6056	6152	6250	6349
520	6500	45	6.14	8830	8893	8958	9024	9092	5976	6069	6164	6260	6358
560	6500	45	6.05	8839	8902	8966	9032	9099	5990	6082	6176	6270	6367

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	7000	45	7.30	9415	9485	9558	9632	9709	6296	6401	6508	6617	6727
400	7000	45	7.21	9427	9497	9569	9642	9717	6314	6418	6524	6631	6739
440	7000	45	7.11	9439	9508	9579	9651	9725	6332	6435	6539	6644	6751
480	7000	45	7.01	9451	9519	9589	9660	9733	6350	6451	6553	6657	6762
520	7000	45	6.92	9462	9529	9598	9669	9741	6367	6466	6567	6670	6774
560	7000	45	6.82	9473	9540	9608	9677	9748	6383	6481	6581	6682	6784
360	7500	45	8.11	10032	10107	10183	10261	10342	6663	6775	6888	7003	7120
400	7500	45	8.01	10046	10120	10195	10272	10351	6684	6794	6906	7019	7135
440	7500	45	7.91	10060	10132	10207	10283	10361	6704	6813	6923	7035	7148
480	7500	45	7.81	10073	10145	10218	10293	10370	6724	6831	6940	7050	7162
520	7500	45	7.71	10086	10157	10229	10304	10379	6744	6849	6956	7065	7175
560	7500	45	7.61	10099	10169	10240	10313	10388	6763	6867	6972	7079	7188
360	8000	45	8.94	10641	10719	10799	10881	10965	7017	7135	7254	7376	7499
400	8000	45	8.83	10657	10734	10813	10894	10977	7040	7157	7274	7394	7516
440	8000	45	8.73	10672	10748	10826	10906	10988	7063	7178	7294	7412	7532
480	8000	45	8.62	10687	10762	10839	10918	10998	7086	7199	7313	7429	7547
520	8000	45	8.52	10701	10776	10852	10929	11009	7108	7219	7332	7446	7563
560	8000	45	8.42	10715	10789	10864	10941	11019	7129	7239	7350	7463	7578
360	5000	60	3.01	5705	5731	5758	5786	5814	2747	2801	2856	2911	2967
400	5000	60	2.94	5707	5733	5759	5786	5814	2751	2804	2858	2912	2967
440	5000	60	2.88	5709	5734	5760	5787	5814	2755	2807	2860	2913	2967
480	5000	60	2.81	5710	5735	5761	5787	5814	2758	2810	2861	2914	2967

RANGE TABLES

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M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGLE DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED -20	SLANT RANGE - FT CAGED -10	SLANT RANGE - FT SIGHT 0.	SLANT RANGE - FT SIGHT 10	SLANT RANGE - FT SIGHT 20	HORIZONTAL RANGE - FT LINE ANGLE OF ATTACK - MILS -20	HORIZONTAL RANGE - FT LINE ANGLE OF ATTACK - MILS -10	HORIZONTAL RANGE - FT LINE ANGLE OF ATTACK - MILS 0	HORIZONTAL RANGE - FT LINE ANGLE OF ATTACK - MILS 10	HORIZONTAL RANGE - FT LINE ANGLE OF ATTACK - MILS 20
360	5500	60	3.54	6269	6297	6327	6357	6388	3008	3067	3127	3187	3248
400	5500	60	3.47	6271	6299	6328	6358	6388	3012	3071	3130	3189	3249
440	5500	60	3.40	6273	6301	6329	6359	6388	3017	3074	3132	3191	3250
480	5500	60	3.33	6275	6303	6331	6359	6389	3021	3078	3135	3192	3250
520	5500	60	3.26	6277	6304	6332	6360	6389	3025	3081	3137	3194	3251
360	6000	60	4.11	6830	6861	6893	6926	6959	3263	3328	3393	3459	3525
400	6000	60	4.03	6833	6863	6895	6927	6960	3269	3333	3397	3461	3527
440	6000	60	3.95	6835	6866	6896	6928	6960	3275	3337	3400	3464	3528
480	6000	60	3.87	6838	6868	6898	6929	6961	3280	3342	3404	3466	3529
520	6000	60	3.80	6840	6870	6900	6930	6962	3285	3346	3407	3468	3530
560	6000	60	3.72	6843	6872	6901	6931	6962	3290	3350	3410	3470	3531
360	6500	60	4.70	7389	7423	7457	7492	7528	3514	3584	3654	3725	3797
400	6500	60	4.61	7392	7425	7459	7494	7529	3521	3590	3659	3729	3799
440	6500	60	4.53	7396	7428	7461	7495	7530	3528	3595	3663	3732	3801
480	6500	60	4.45	7399	7431	7463	7497	7531	3534	3600	3667	3735	3803
520	6500	60	4.36	7402	7433	7465	7498	7532	3540	3606	3671	3738	3805
560	6500	60	4.28	7404	7435	7467	7500	7533	3546	3610	3675	3741	3807
360	7000	60	5.31	7946	7981	8018	8055	8094	3759	3834	3910	3986	4063
400	7000	60	5.22	7949	7985	8021	8058	8095	3768	3841	3916	3991	4066
440	7000	60	5.13	7953	7988	8023	8060	8097	3775	3848	3921	3995	4069
480	7000	60	5.04	7957	7991	8026	8062	8098	3783	3854	3926	3999	4072
520	7000	60	4.95	7960	7994	8028	8064	8100	3790	3860	3931	4003	4075
560	7000	60	4.87	7964	7997	8031	8065	8101	3797	3866	3936	4006	4077

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	7500	60	5.94	8500	8538	8577	8616	8657	3999	4079	4160	4242	4326
400	7500	60	5.84	8504	8541	8580	8619	8659	4009	4087	4167	4247	4328
440	7500	60	5.75	8508	8545	8583	8622	8661	4018	4095	4173	4252	4332
480	7500	60	5.65	8512	8549	8586	8624	8663	4026	4103	4180	4257	4335
520	7500	60	5.56	8516	8552	8589	8626	8665	4035	4110	4186	4262	4339
560	7500	60	5.47	8520	8556	8592	8629	8666	4043	4117	4191	4267	4342
360	8000	60	6.58	9051	9091	9132	9174	9218	4234	4319	4405	4491	4579
400	8000	60	6.48	9056	9096	9136	9178	9220	4244	4328	4412	4498	4584
440	8000	60	6.38	9061	9100	9140	9181	9222	4255	4337	4420	4504	4588
480	8000	60	6.28	9066	9104	9143	9184	9225	4265	4346	4427	4510	4593
520	8000	60	6.19	9070	9108	9147	9187	9227	4274	4354	4435	4516	4598
560	8000	60	6.09	9075	9112	9150	9189	9229	4284	4362	4441	4521	4602
360	8500	60	7.25	9600	9642	9686	9730	9775	4462	4552	4643	4735	4827
400	8500	60	7.14	9606	9647	9690	9734	9778	4474	4563	4652	4742	4833
440	8500	60	7.04	9611	9652	9694	9737	9781	4486	4573	4661	4750	4839
480	8500	60	6.93	9616	9657	9698	9741	9784	4497	4583	4670	4757	4845
520	8500	60	6.83	9622	9661	9702	9744	9787	4508	4593	4678	4764	4851
560	8500	60	6.73	9627	9666	9706	9747	9789	4519	4602	4686	4771	4856
360	9000	60	7.93	10146	10191	10236	10282	10330	4685	4780	4876	4973	5070
400	9000	60	7.82	10153	10196	10241	10287	10333	4699	4792	4886	4981	5077
440	9000	60	7.71	10159	10202	10246	10291	10337	4712	4804	4896	4990	5084
480	9000	60	7.60	10165	10207	10250	10295	10340	4724	4815	4906	4998	5091
520	9000	60	7.49	10170	10212	10255	10299	10343	4737	4826	4916	5006	5098
560	9000	60	7.39	10176	10217	10259	10303	10347	4748	4836	4925	5014	5104

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	9500	60	8.62	10690	10736	10784	10832	10882	4902	5002	5103	5205	5307
400	9500	60	8.51	10697	10743	10789	10837	10886	4917	5015	5115	5215	5316
440	9500	60	8.39	10704	10749	10795	10842	10890	4932	5028	5126	5224	5324
480	9500	60	8.28	10710	10755	10800	10846	10894	4946	5041	5137	5234	5332
520	9500	60	8.17	10717	10760	10805	10851	10898	4959	5053	5148	5243	5339
560	9500	60	8.06	10723	10766	10810	10855	10901	4973	5065	5158	5252	5347
360	10000	60	9.33	11232	11280	11329	11379	11431	5114	5218	5324	5431	5538
400	10000	60	9.21	11239	11287	11335	11385	11436	5130	5233	5337	5442	5548
440	10000	60	9.09	11246	11293	11341	11390	11440	5146	5247	5350	5453	5557
480	10000	60	8.97	11253	11300	11347	11395	11445	5161	5261	5362	5464	5566
520	10000	60	8.85	11260	11306	11353	11400	11449	5177	5275	5374	5474	5575
560	10000	60	8.74	11267	11312	11358	11405	11453	5191	5288	5386	5484	5584
360	10500	60	10.04	11771	11820	11872	11924	11978	5319	5429	5539	5651	5763
400	10500	60	9.92	11779	11828	11878	11930	11983	5337	5445	5554	5664	5774
440	10500	60	9.79	11787	11835	11885	11936	11988	5355	5461	5568	5676	5785
480	10500	60	9.67	11794	11842	11891	11942	11993	5372	5476	5582	5688	5795
520	10500	60	9.55	11802	11849	11898	11947	11998	5388	5491	5595	5699	5805
560	10500	60	9.43	11809	11856	11904	11953	12003	5404	5506	5608	5711	5815
360	11000	60	10.76	12307	12359	12412	12466	12522	5520	5634	5749	5866	5983
400	11000	60	10.63	12316	12367	12419	12473	12528	5539	5652	5765	5880	5995
440	11000	60	10.51	12324	12375	12426	12479	12533	5558	5669	5780	5893	6007
480	11000	60	10.38	12333	12382	12433	12485	12539	5576	5686	5795	5906	6018
520	11000	60	10.26	12341	12390	12440	12492	12544	5594	5702	5810	5919	6029
560	11000	60	10.14	12349	12397	12447	12497	12549	5612	5718	5824	5932	6040

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	11500	60	11.49	12842	12895	12950	13006	13063	5715	5834	5954	6075	6197
400	11500	60	11.36	12851	12904	12958	13013	13070	5736	5853	5971	6090	6210
440	11500	60	11.23	12860	12912	12965	13020	13076	5756	5871	5988	6105	6223
480	11500	60	11.10	12869	12920	12973	13027	13082	5776	5890	6004	6120	6236
520	11500	60	10.98	12878	12928	12980	13034	13088	5795	5907	6020	6134	6248
560	11500	60	10.85	12886	12936	12988	13040	13094	5814	5925	6036	6148	6260
360	12000	60	12.23	13374	13429	13486	13543	13603	5904	6028	6153	6279	6406
400	12000	60	12.09	13384	13438	13494	13551	13610	5927	6049	6172	6295	6420
440	12000	60	11.96	13394	13447	13502	13559	13616	5949	6069	6190	6312	6434
480	12000	60	11.83	13403	13456	13510	13566	13623	5970	6088	6207	6327	6448
520	12000	60	11.70	13412	13465	13518	13573	13629	5991	6107	6225	6343	6462
560	12000	60	11.57	13422	13473	13526	13580	13636	6012	6126	6242	6358	6475

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	150	5	0.52	9	18	26	35	44	0	1	1	2	2
400	150	5	0.51	9	17	26	35	43	0	1	1	2	2
440	150	5	0.50	8	17	25	34	42	0	1	1	2	2
480	150	5	0.49	8	17	25	33	42	0	1	1	2	2
520	150	5	0.49	8	16	25	33	41	0	1	1	2	2
360	250	5	0.97	16	33	49	65	82	1	1	2	2	3
400	250	5	0.95	16	32	48	64	80	1	1	2	2	3
440	250	5	0.93	16	32	47	63	79	1	1	2	2	3
480	250	5	0.92	16	31	47	62	78	1	1	2	2	3
520	250	5	0.90	15	30	46	61	76	1	1	2	2	3
560	250	5	0.89	15	30	45	60	75	0	1	1	2	2
360	300	10	0.53	9	18	27	36	45	1	2	3	4	5
400	300	10	0.52	9	18	26	35	44	1	2	3	4	5
440	300	10	0.51	9	17	26	35	43	1	2	3	4	4
480	300	10	0.50	8	17	25	34	42	1	2	3	3	4
360	350	10	0.64	11	22	32	43	54	1	2	3	4	5
400	350	10	0.63	11	21	32	42	53	1	2	3	4	5
440	350	10	0.62	10	21	31	42	52	1	2	3	4	5
480	350	10	0.60	10	20	31	41	51	1	2	3	4	5
520	350	10	0.59	10	20	30	40	50	1	2	3	4	4
560	350	10	0.58	10	20	30	39	49	1	2	3	3	4

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	WIND EFFECT-FT 10	20	30	40	50	SIGHTING CORRECTION-MILS WIND VELOCITY-KTS 10	20	30	40	50
360	500	10	1.00	17	34	51	68	85	1	2	3	4	5
400	500	10	0.99	17	33	50	67	83	1	2	3	4	5
440	500	10	0.97	16	33	49	65	82	1	2	3	4	5
480	500	10	0.95	16	32	48	64	80	1	2	3	4	5
520	500	10	0.93	16	31	47	63	79	1	2	3	4	5
560	500	10	0.91	15	31	46	62	77	1	2	3	4	5
360	700	10	1.61	27	54	82	109	136	1	3	4	5	6
400	700	10	1.58	27	53	80	107	133	1	3	4	5	6
440	700	10	1.55	26	52	78	105	131	1	2	4	5	6
480	700	10	1.52	26	51	77	103	128	1	2	4	5	6
520	700	10	1.49	25	50	75	101	126	1	2	4	5	6
560	700	10	1.46	25	49	74	99	123	1	2	3	5	6
360	500	15	0.61	10	21	31	41	52	1	3	4	6	7
400	500	15	0.60	10	20	30	40	51	1	3	4	6	7
440	500	15	0.59	10	20	30	40	50	1	3	4	5	7
480	500	15	0.58	10	20	29	39	49	1	3	4	5	7
360	600	15	0.77	13	26	39	52	65	1	3	4	6	7
400	600	15	0.75	13	25	38	51	63	1	3	4	6	7
440	600	15	0.74	12	25	37	50	62	1	3	4	6	7
480	600	15	0.72	12	24	37	49	61	1	3	4	6	7
520	600	15	0.71	12	24	36	48	60	1	3	4	5	7

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	WIND EFFECT-FT 10	20	30	40	50	SIGHTING CORRECTION-MILS WIND VELOCITY-KTS 10	20	30	40	50
360	750	15	1.02	17	35	52	69	86	2	3	5	6	8
400	750	15	1.00	17	34	51	68	85	2	3	5	6	8
440	750	15	0.98	17	33	50	66	83	2	3	5	6	8
480	750	15	0.97	16	33	49	65	82	2	3	5	6	8
520	750	15	0.95	16	32	48	64	80	1	3	4	6	7
560	750	15	0.93	16	31	47	63	79	1	3	4	6	7
360	850	15	1.22	21	41	62	82	103	2	3	5	7	8
400	850	15	1.19	20	40	60	81	101	2	3	5	7	8
440	850	15	1.17	20	39	59	79	99	2	3	5	6	8
480	850	15	1.15	19	39	58	77	97	2	3	5	6	8
520	850	15	1.12	19	38	57	76	95	2	3	5	6	8
560	850	15	1.10	19	37	56	74	93	2	3	5	6	8
360	1000	15	1.54	26	52	78	104	130	2	4	6	7	9
400	1000	15	1.51	25	51	76	102	127	2	4	5	7	9
440	1000	15	1.48	25	50	75	100	125	2	4	5	7	9
480	1000	15	1.45	24	49	73	98	122	2	3	5	7	9
520	1000	15	1.42	24	48	72	96	120	2	3	5	7	8
560	1000	15	1.39	24	47	71	94	118	2	3	5	7	8
360	1000	20	1.04	18	35	53	70	88	2	4	6	8	11
400	1000	20	1.02	17	34	52	69	86	2	4	6	8	10
440	1000	20	1.00	17	34	51	68	84	2	4	6	8	10
480	1000	20	0.98	17	33	50	66	83	2	4	6	8	10
520	1000	20	0.96	16	32	49	65	81	2	4	6	8	10
560	1000	20	0.94	16	32	48	64	80	2	4	6	8	10

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	WIND EFFECT-FT 10	20	30	40	50	SIGHTING CORRECTION-MILS WIND VELOCITY-KTS 10	20	30	40	50
360	1500	30	1.08	18	37	55	73	91	3	6	9	12	15
400	1500	30	1.06	18	36	54	72	89	3	6	9	12	15
440	1500	30	1.04	18	35	53	70	88	3	6	9	12	15
480	1500	30	1.02	17	34	52	69	86	3	6	9	12	15
360	2000	30	1.64	28	56	83	111	139	4	7	11	14	18
400	2000	30	1.61	27	54	81	109	136	3	7	10	14	17
440	2000	30	1.57	27	53	80	106	133	3	7	10	14	17
480	2000	30	1.54	26	52	78	104	130	3	7	10	13	17
520	2000	30	1.51	25	51	76	102	127	3	7	10	13	16
560	2000	30	1.48	25	50	75	100	125	3	6	10	13	16
360	2500	30	2.37	40	80	120	160	200	4	8	12	17	21
400	2500	30	2.31	39	78	117	156	195	4	8	12	16	20
440	2500	30	2.26	38	76	115	153	191	4	8	12	16	20
480	2500	30	2.21	37	75	112	149	187	4	8	12	15	19
520	2500	30	2.16	37	73	110	146	183	4	8	11	15	19
560	2500	30	2.12	36	72	107	143	179	4	7	11	15	18
360	3000	30	3.23	55	109	164	218	273	5	10	14	19	24
400	3000	30	3.16	53	107	160	214	267	5	9	14	19	23
440	3000	30	3.10	52	105	157	210	262	5	9	14	18	23
480	3000	30	3.04	51	103	154	205	257	4	9	13	18	22
520	3000	30	2.98	50	101	151	201	251	4	9	13	18	22
560	3000	30	2.92	49	99	148	197	246	4	9	13	17	21

RANGE WIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	3500	30	4.17	70	141	211	281	352	5	11	16	22	27
400	3500	30	4.09	69	138	207	277	346	5	11	16	21	27
440	3500	30	4.02	68	136	204	272	340	5	10	16	21	26
480	3500	30	3.95	67	134	200	267	334	5	10	15	20	26
520	3500	30	3.89	66	131	197	262	328	5	10	15	20	25
560	3500	30	3.82	64	129	193	258	322	5	10	15	20	25
360	4000	30	5.15	87	174	261	348	435	6	12	18	24	30
400	4000	30	5.07	86	171	257	343	428	6	12	18	24	30
440	4000	30	5.00	84	169	253	337	422	6	12	17	23	29
480	4000	30	4.92	83	166	249	332	416	6	11	17	23	29
520	4000	30	4.85	82	164	246	327	409	6	11	17	22	28
560	4000	30	4.77	81	161	242	322	403	5	11	16	22	27
360	4500	30	6.17	104	208	312	417	521	7	13	20	26	33
400	4500	30	6.08	103	206	308	411	514	6	13	19	26	32
440	4500	30	6.00	101	203	304	406	507	6	13	19	26	32
480	4500	30	5.92	100	200	300	400	500	6	13	19	25	31
520	4500	30	5.84	99	197	296	395	494	6	12	19	25	31
560	4500	30	5.77	97	195	292	390	487	6	12	18	24	30
360	5000	30	7.21	122	243	365	487	609	7	14	21	29	36
400	5000	30	7.12	120	241	361	481	601	7	14	21	28	35
440	5000	30	7.04	119	238	357	475	594	7	14	21	28	35
480	5000	30	6.95	117	235	352	470	587	7	14	20	27	34
520	5000	30	6.87	116	232	348	464	580	7	13	20	27	34
560	5000	30	6.79	115	229	344	459	573	7	13	20	26	33

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	3000	45	1.80	30	61	91	122	152	5	10	15	21	26
400	3000	45	1.76	30	59	89	119	149	5	10	15	20	25
440	3000	45	1.72	29	58	87	116	145	5	10	15	20	24
480	3000	45	1.68	28	57	85	114	142	5	10	14	19	24
360	3500	45	2.32	39	78	118	157	196	6	11	17	23	28
400	3500	45	2.27	38	77	115	153	191	6	11	17	22	28
440	3500	45	2.22	37	75	112	150	187	5	11	16	22	27
480	3500	45	2.17	37	73	110	146	183	5	11	16	21	27
520	3500	45	2.12	36	72	107	143	179	5	10	16	21	26
360	4000	45	2.92	49	99	148	197	247	6	13	19	25	32
400	4000	45	2.86	48	96	145	193	241	6	12	18	25	31
440	4000	45	2.79	47	94	142	189	236	6	12	18	24	30
480	4000	45	2.73	46	92	138	185	231	6	12	18	24	29
520	4000	45	2.67	45	90	135	181	226	6	12	17	23	29
560	4000	45	2.62	44	88	133	177	221	6	11	17	22	28
360	4500	45	3.57	60	121	181	241	302	7	14	21	28	35
400	4500	45	3.50	59	118	177	237	296	7	14	20	27	34
440	4500	45	3.43	58	116	174	232	290	7	13	20	26	33
480	4500	45	3.36	57	114	170	227	284	6	13	19	26	32
520	4500	45	3.30	56	111	167	223	278	6	13	19	25	32
560	4500	45	3.23	55	109	164	218	273	6	12	19	25	31

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	WIND EFFECT-FT 10	20	30	40	50	SIGHTING CORRECTION-MILS WIND VELOCITY-KTS 10	20	30	40	50
360	5000	45	4.27	72	144	216	288	360	7	15	22	30	37
400	5000	45	4.19	71	141	212	283	354	7	15	22	29	37
440	5000	45	4.11	69	139	208	278	347	7	14	22	29	36
480	5000	45	4.04	68	136	204	273	341	7	14	21	28	35
520	5000	45	3.96	67	134	201	268	335	7	14	21	28	35
560	5000	45	3.89	66	131	197	263	328	7	14	20	27	34
360	5500	45	4.99	84	169	253	337	421	8	16	24	32	40
400	5500	45	4.90	83	166	249	331	414	8	16	24	31	39
440	5500	45	4.82	81	163	244	326	407	8	15	23	31	39
480	5500	45	4.74	80	160	240	320	400	8	15	23	30	38
520	5500	45	4.66	79	157	236	315	394	7	15	22	30	37
560	5500	45	4.58	77	155	232	310	387	7	15	22	29	37
360	6000	45	5.74	97	194	291	388	485	9	17	25	34	43
400	6000	45	5.65	95	191	286	382	477	8	17	25	34	42
440	6000	45	5.56	94	188	282	376	470	8	16	25	33	41
480	6000	45	5.47	92	185	277	370	462	8	16	24	32	41
520	6000	45	5.39	91	182	273	364	455	8	16	24	32	40
560	6000	45	5.30	90	179	269	358	448	8	16	23	31	39
360	6500	45	6.51	110	220	330	440	550	9	18	27	36	45
400	6500	45	6.42	108	217	325	434	542	9	18	27	36	44
440	6500	45	6.32	107	214	320	427	534	9	17	26	35	44
480	6500	45	6.23	105	211	316	421	526	9	17	26	34	43
520	6500	45	6.14	104	207	311	415	519	8	17	25	34	42
560	6500	45	6.05	102	204	307	409	511	8	17	25	33	42

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	7000	45	7.30	123	247	370	493	617	10	19	29	38	48
400	7000	45	7.21	122	243	365	487	608	9	19	28	37	47
440	7000	45	7.11	120	240	360	480	600	9	18	28	37	46
480	7000	45	7.01	118	237	355	474	592	9	18	27	36	45
520	7000	45	6.92	117	234	350	467	584	9	18	27	36	45
560	7000	45	6.82	115	230	346	461	576	9	18	26	35	44
360	7500	45	8.11	137	274	411	548	685	10	20	30	40	50
400	7500	45	8.01	135	271	406	541	677	10	20	29	39	49
440	7500	45	7.91	134	267	401	534	668	10	19	29	39	48
480	7500	45	7.81	132	264	396	528	659	10	19	29	38	48
520	7500	45	7.71	130	260	391	521	651	9	19	28	38	47
560	7500	45	7.61	129	257	386	514	643	9	19	28	37	46
360	8000	45	8.94	151	302	453	604	755	10	21	31	42	52
400	8000	45	8.83	149	298	448	597	746	10	21	31	41	51
440	8000	45	8.73	147	295	442	590	737	10	20	30	41	51
480	8000	45	8.62	146	291	437	582	728	10	20	30	40	50
520	8000	45	8.52	144	288	432	575	719	10	20	30	39	49
560	8000	45	8.42	142	284	426	569	711	10	19	29	39	48
360	5000	60	3.01	51	102	152	203	254	8	15	23	31	38
400	5000	60	2.94	50	99	149	199	248	8	15	23	30	38
440	5000	60	2.88	49	97	146	194	243	7	15	22	29	37
480	5000	60	2.81	47	95	142	190	237	7	14	22	29	36

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
								WIND	VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	5500	60	3.54	60	120	180	239	299	8	17	25	33	41
400	5500	60	3.47	59	117	176	234	293	8	16	24	32	40
440	5500	60	3.40	57	115	172	230	287	8	16	24	32	40
480	5500	60	3.33	56	112	169	225	281	8	15	23	31	39
520	5500	60	3.26	55	110	165	220	275	8	15	23	30	38
360	6000	60	4.11	69	139	208	278	347	9	18	26	35	44
400	6000	60	4.03	68	136	204	272	340	9	17	26	34	43
440	6000	60	3.95	67	133	200	267	334	8	17	25	34	42
480	6000	60	3.87	65	131	196	262	327	8	17	25	33	41
520	6000	60	3.80	64	128	192	257	321	8	16	24	32	41
560	6000	60	3.72	63	126	189	252	314	8	16	24	32	40
360	6500	60	4.70	79	159	238	317	397	9	19	28	37	47
400	6500	60	4.61	78	156	234	312	389	9	18	27	37	46
440	6500	60	4.53	76	153	229	306	382	9	18	27	36	45
480	6500	60	4.45	75	150	225	300	375	9	18	26	35	44
520	6500	60	4.36	74	147	221	295	369	9	17	26	35	43
560	6500	60	4.28	72	145	217	289	362	8	17	25	34	42
360	7000	60	5.31	90	179	269	359	448	10	20	29	39	49
400	7000	60	5.22	88	176	264	352	440	10	19	29	38	48
440	7000	60	5.13	87	173	260	346	433	9	19	28	38	47
480	7000	60	5.04	85	170	255	340	426	9	19	28	37	46
520	7000	60	4.95	84	167	251	335	418	9	18	27	36	46
560	7000	60	4.87	82	164	247	329	411	9	18	27	36	45

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	7500	60	5.94	100	201	301	401	501	10	21	31	41	51
400	7500	60	5.84	99	197	296	395	493	10	20	30	40	50
440	7500	60	5.75	97	194	291	388	485	10	20	30	40	50
480	7500	60	5.65	95	191	286	382	477	10	20	29	39	49
520	7500	60	5.56	94	188	282	376	470	10	19	29	38	48
560	7500	60	5.47	92	185	277	370	462	9	19	28	38	47
360	8000	60	6.58	111	222	334	445	556	11	21	32	43	54
400	8000	60	6.48	109	219	328	438	547	11	21	32	42	53
440	8000	60	6.38	108	216	323	431	539	10	21	31	41	52
480	8000	60	6.28	106	212	318	425	531	10	20	31	41	51
520	8000	60	6.19	105	209	314	418	523	10	20	30	40	50
560	8000	60	6.09	103	206	309	412	515	10	20	30	39	49
360	8500	60	7.25	122	245	367	490	612	11	22	33	45	56
400	8500	60	7.14	121	241	362	483	603	11	22	33	44	55
440	8500	60	7.04	119	238	357	475	594	11	22	32	43	54
480	8500	60	6.93	117	234	351	468	586	11	21	32	43	53
520	8500	60	6.83	115	231	346	462	577	10	21	31	42	52
560	8500	60	6.73	114	227	341	455	569	10	21	31	41	51
360	9000	60	7.93	134	268	402	536	670	12	23	35	46	58
400	9000	60	7.82	132	264	396	528	660	11	23	34	45	57
440	9000	60	7.71	130	260	391	521	651	11	22	34	45	56
480	9000	60	7.60	128	257	385	513	642	11	22	33	44	55
520	9000	60	7.49	127	253	380	506	633	11	22	33	43	54
560	9000	60	7.39	125	250	374	499	624	11	21	32	43	54

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	WIND EFFECT-FT 10	20	30	40	50	SIGHTING CORRECTION-MILS WIND VELOCITY-KTS 10	20	30	40	50
360	9500	50	8.62	146	291	437	582	728	12	24	36	48	60
400	9500	50	8.51	144	287	431	575	718	12	24	35	47	59
440	9500	50	8.39	142	283	425	567	709	12	23	35	46	58
480	9500	50	8.28	140	280	419	559	699	11	23	34	46	57
520	9500	50	8.17	138	276	414	552	690	11	23	34	45	56
560	9500	50	8.06	136	272	408	544	681	11	22	33	44	56
360	10000	50	9.33	158	315	473	630	788	12	25	37	49	62
400	10000	50	9.21	155	311	466	622	777	12	24	36	49	61
440	10000	50	9.09	153	307	460	614	767	12	24	36	48	60
480	10000	50	8.97	152	303	455	606	758	12	24	35	47	59
520	10000	50	8.85	150	299	449	598	748	12	23	35	47	58
560	10000	50	8.74	148	295	443	591	738	11	23	34	46	57
360	10500	50	10.04	170	339	509	678	848	13	25	38	51	63
400	10500	50	9.92	167	335	502	670	837	13	25	38	50	63
440	10500	50	9.79	165	331	496	662	827	12	25	37	49	62
480	10500	60	9.67	163	327	490	653	817	12	24	37	49	61
520	10500	50	9.55	161	323	484	645	807	12	24	36	48	60
560	10500	60	9.43	159	319	478	637	797	12	24	36	47	59
360	11000	50	10.76	182	364	545	727	909	13	26	39	52	65
400	11000	50	10.63	180	359	539	718	898	13	26	39	51	64
440	11000	50	10.51	177	355	532	710	887	13	25	38	51	63
480	11000	60	10.38	175	351	526	701	877	13	25	38	50	63
520	11000	50	10.26	173	347	520	693	866	12	25	37	49	62
560	11000	50	10.14	171	342	514	685	856	12	24	37	49	61

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 20MM

M-39 GUN.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	11500	60	11.49	194	388	582	776	971	13	27	40	53	67
400	11500	60	11.36	192	384	576	768	959	13	26	40	53	66
440	11500	60	11.23	190	379	569	759	948	13	26	39	52	65
480	11500	60	11.10	188	375	563	750	938	13	26	39	51	64
520	11500	60	10.98	185	371	556	741	927	13	25	38	51	63
560	11500	60	10.85	183	367	550	733	916	13	25	38	50	63
360	12000	60	12.23	207	413	620	826	1033	14	27	41	55	68
400	12000	60	12.09	204	409	613	817	1021	14	27	41	54	68
440	12000	60	11.96	202	404	606	808	1010	13	27	40	53	67
480	12000	60	11.83	200	400	599	799	999	13	26	40	53	66
520	12000	60	11.70	198	395	593	790	988	13	26	39	52	65
560	12000	60	11.57	195	391	586	782	977	13	26	39	51	64

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	750	10	1.99	5	9	13	16	20	24	27	31	35	39
400	750	10	1.96	3	7	11	15	19	22	26	30	34	38
440	750	10	1.93	2	6	10	13	17	21	25	29	33	37
480	750	10	1.90	0	4	8	12	16	20	24	28	32	36
520	750	10	1.87	-1	3	7	11	15	19	23	27	31	35
560	750	10	1.84	-2	2	6	10	14	18	22	26	31	35
360	1000	10	2.47	8	12	15	19	23	27	30	34	38	41
400	1000	10	2.43	6	10	14	18	21	25	29	33	37	40
440	1000	10	2.39	4	8	12	16	20	24	28	32	36	40
480	1000	10	2.36	3	7	11	15	19	23	27	31	35	39
520	1000	10	2.32	1	5	10	14	18	22	26	30	34	38
560	1000	10	2.29	0	4	8	13	17	21	25	29	33	37
360	1250	10	2.99	11	15	18	22	26	30	33	37	41	44
400	1250	10	2.94	9	13	17	20	24	28	32	36	40	43
440	1250	10	2.90	7	11	15	19	23	27	31	35	38	42
480	1250	10	2.85	6	10	14	18	21	25	29	33	37	41
520	1250	10	2.81	4	8	12	16	20	24	28	32	36	41
560	1250	10	2.77	3	7	11	15	19	23	27	31	36	40
360	1500	10	3.55	14	18	22	25	29	33	36	40	44	48
400	1500	10	3.50	12	16	20	24	27	31	35	39	43	46
440	1500	10	3.44	10	14	18	22	26	30	34	38	41	45
480	1500	10	3.39	8	12	16	20	24	28	32	36	40	44
520	1500	10	3.34	7	11	15	19	23	27	31	35	39	43
560	1500	10	3.29	5	9	14	18	22	26	30	34	38	42

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	15	1.89	4	8	12	15	19	23	26	30	34	37
400	1000	15	1.86	2	6	10	14	18	21	25	29	33	37
440	1000	15	1.83	1	5	8	12	16	20	24	28	32	36
480	1000	15	1.80	-1	3	7	11	15	19	23	27	31	35
520	1000	15	1.77	-2	2	6	10	14	18	22	26	30	34
560	1000	15	1.75	-3	1	5	9	13	17	21	26	30	34
360	1250	15	2.23	6	10	14	17	21	25	28	32	36	40
400	1250	15	2.19	4	8	12	16	19	23	27	31	35	39
440	1250	15	2.15	3	6	10	14	18	22	26	30	34	38
480	1250	15	2.12	1	5	9	13	17	21	25	29	33	37
520	1250	15	2.08	-0	4	8	12	16	20	24	28	32	36
560	1250	15	2.05	-2	3	7	11	15	19	23	27	31	35
360	1500	15	2.58	8	12	16	19	23	27	30	34	38	42
400	1500	15	2.54	6	10	14	18	21	25	29	33	37	41
440	1500	15	2.49	4	8	12	16	20	24	28	32	36	40
480	1500	15	2.45	3	7	11	15	19	23	27	31	35	39
520	1500	15	2.41	1	5	10	14	18	22	26	30	34	38
560	1500	15	2.37	0	4	8	12	17	21	25	29	33	37
360	1750	15	2.96	10	14	18	21	25	29	32	36	40	44
400	1750	15	2.91	8	12	16	20	23	27	31	35	39	43
440	1750	15	2.86	6	10	14	18	22	26	30	34	38	42
480	1750	15	2.81	5	9	13	17	21	25	29	33	37	41
520	1750	15	2.76	3	7	11	15	19	24	28	32	36	40
560	1750	15	2.71	2	6	10	14	18	22	27	31	35	39

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	20	1.61	2	5	9	13	16	20	24	28	31	35
400	1000	20	1.58	-0	4	7	11	15	19	23	27	30	34
440	1000	20	1.55	-2	2	6	10	14	18	22	26	30	33
480	1000	20	1.53	-3	1	5	9	13	17	21	25	29	33
520	1000	20	1.50	-4	-0	4	8	12	16	20	24	28	32
560	1000	20	1.48	-5	-1	3	7	11	15	19	23	27	32
360	1500	20	2.11	5	8	12	16	20	23	27	31	34	38
400	1500	20	2.07	3	7	10	14	18	22	26	30	33	37
440	1500	20	2.03	1	5	9	13	17	21	25	29	32	36
480	1500	20	2.00	-0	4	8	12	16	20	24	28	32	36
520	1500	20	1.96	-2	3	7	11	15	19	23	27	31	35
560	1500	20	1.93	-3	1	5	10	14	18	22	26	30	34
360	2000	20	2.66	8	11	15	19	23	26	30	34	37	41
400	2000	20	2.61	6	10	13	17	21	25	29	32	36	40
440	2000	20	2.56	4	8	12	16	20	24	28	31	35	39
480	2000	20	2.52	2	6	10	14	18	22	26	30	34	38
520	2000	20	2.47	1	5	9	13	17	21	25	29	34	38
560	2000	20	2.43	-0	4	8	12	16	20	25	29	33	37
360	1500	30	1.66	0	4	8	11	15	19	22	26	30	34
400	1500	30	1.63	-1	2	6	10	14	18	21	25	29	33
440	1500	30	1.60	-3	1	5	9	13	17	21	24	28	32
480	1500	30	1.57	-4	-0	4	8	12	16	20	24	28	32

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	2000	30	2.00	2	6	10	13	17	21	24	28	32	36
400	2000	30	1.97	0	4	8	12	16	20	23	27	31	35
440	2000	30	1.93	-1	3	7	11	15	18	22	26	30	34
480	2000	30	1.89	-2	2	6	10	14	18	22	26	29	33
520	2000	30	1.86	-4	0	4	9	13	17	21	25	29	33
560	2000	30	1.83	-5	-1	4	8	12	16	20	24	28	32
360	2500	30	2.38	4	8	11	15	19	23	26	30	34	37
400	2500	30	2.33	2	6	10	14	18	21	25	29	33	37
440	2500	30	2.29	1	5	9	12	16	20	24	28	32	36
480	2500	30	2.25	-1	3	7	11	15	19	23	27	31	35
520	2500	30	2.20	-2	2	6	10	14	18	22	26	31	35
560	2500	30	2.16	-3	1	5	9	13	17	22	26	30	34
360	3000	30	2.78	6	10	13	17	21	25	28	32	36	39
400	3000	30	2.73	4	8	12	16	19	23	27	31	35	39
440	3000	30	2.67	3	6	10	14	18	22	26	30	34	38
480	3000	30	2.62	1	5	9	13	17	21	25	29	33	37
520	3000	30	2.57	-0	4	8	12	16	20	24	28	32	36
560	3000	30	2.53	-1	3	7	11	15	19	23	27	31	36
360	3500	30	3.22	8	12	16	19	23	27	30	34	38	42
400	3500	30	3.15	6	10	14	18	21	25	29	33	37	41
440	3500	30	3.09	4	8	12	16	20	24	28	32	36	40
480	3500	30	3.03	3	7	11	15	19	23	27	31	35	39
520	3500	30	2.97	2	6	10	14	18	22	26	30	34	38
560	3500	30	2.91	0	4	8	13	17	21	25	29	33	37

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	4000	30	3.68	10	14	18	21	25	29	33	36	40	44
400	4000	30	3.61	8	12	16	20	24	27	31	35	39	43
440	4000	30	3.53	7	10	14	18	22	26	30	34	38	42
480	4000	30	3.46	5	9	13	17	21	25	29	33	37	41
520	4000	30	3.39	3	7	12	16	20	24	28	32	36	40
560	4000	30	3.32	2	6	10	14	19	23	27	31	35	39
360	4500	30	4.18	13	16	20	24	28	31	35	39	42	46
400	4500	30	4.09	11	14	18	22	26	30	34	37	41	45
440	4500	30	4.01	9	13	17	20	24	28	32	36	40	44
480	4500	30	3.92	7	11	15	19	23	27	31	35	39	43
520	4500	30	3.84	5	9	14	18	22	26	30	34	38	42
560	4500	30	3.76	4	8	12	16	20	25	29	33	37	41
360	5000	30	4.72	15	19	23	27	30	34	38	41	45	49
400	5000	30	4.61	13	17	21	25	28	32	36	40	44	48
440	5000	30	4.51	11	15	19	23	27	31	35	39	42	46
480	5000	30	4.42	9	13	17	21	25	29	33	37	41	45
520	5000	30	4.32	8	12	16	20	24	28	32	36	40	44
560	5000	30	4.24	6	10	14	18	23	27	31	35	39	43
360	3000	45	2.12	-1	2	6	10	13	17	21	25	28	32
400	3000	45	2.08	-3	1	5	9	12	16	20	24	28	31
440	3000	45	2.03	-4	-0	4	8	11	15	19	23	27	31
480	3000	45	2.00	-5	-1	3	7	11	15	19	23	27	31

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	3500	45	2.39	-0	3	7	11	14	18	22	26	29	33
400	3500	45	2.34	-2	2	6	10	13	17	21	25	29	33
440	3500	45	2.30	-3	1	5	9	12	16	20	24	28	32
480	3500	45	2.25	-4	-0	4	8	12	16	20	24	28	32
520	3500	45	2.21	-5	-1	3	7	11	15	19	23	27	31
360	4000	45	2.68	1	4	8	12	16	19	23	27	30	34
400	4000	45	2.62	-1	3	7	11	14	18	22	26	30	34
440	4000	45	2.57	-2	2	6	10	13	17	21	25	29	33
480	4000	45	2.52	-3	1	5	9	13	17	21	25	29	33
520	4000	45	2.47	-5	-0	4	8	12	16	20	24	28	32
560	4000	45	2.42	-6	-1	3	7	11	15	19	23	27	32
360	4500	45	2.98	2	6	9	13	17	20	24	28	32	35
400	4500	45	2.92	0	4	8	12	16	19	23	27	31	35
440	4500	45	2.86	-1	3	7	11	15	18	22	26	30	34
480	4500	45	2.80	-2	2	6	10	14	18	22	26	30	34
520	4500	45	2.74	-4	1	5	9	13	17	21	25	29	33
560	4500	45	2.69	-5	-0	4	8	12	16	20	24	28	32
360	5000	45	3.30	3	7	11	14	18	22	25	29	33	37
400	5000	45	3.23	1	5	9	13	17	21	24	28	32	36
440	5000	45	3.16	-0	4	8	12	16	20	23	27	31	35
480	5000	45	3.10	-1	3	7	11	15	19	23	27	31	35
520	5000	45	3.03	-3	2	6	10	14	18	22	26	30	34
560	5000	45	2.97	-4	1	5	9	13	17	21	25	29	33

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	5500	45	3.64	4	8	12	16	19	23	27	30	34	38
400	5500	45	3.56	3	7	10	14	18	22	26	29	33	37
440	5500	45	3.48	1	5	9	13	17	21	25	29	32	36
480	5500	45	3.41	-0	4	8	12	16	20	24	28	32	36
520	5500	45	3.33	-1	3	7	11	15	19	23	27	31	35
560	5500	45	3.27	-3	2	6	10	14	18	22	26	30	34
360	6000	45	3.99	6	9	13	17	21	24	28	32	35	39
400	6000	45	3.90	4	8	12	15	19	23	27	31	35	38
440	6000	45	3.81	2	6	10	14	18	22	26	30	34	38
480	6000	45	3.73	1	5	9	13	17	21	25	29	33	37
520	6000	45	3.65	-0	4	8	12	16	20	24	28	32	36
560	6000	45	3.57	-2	3	7	11	15	19	23	27	31	36
360	6500	45	4.36	7	11	15	18	22	26	29	33	37	41
400	6500	45	4.26	5	9	13	17	21	24	28	32	36	40
440	6500	45	4.16	4	8	12	15	19	23	27	31	35	39
480	6500	45	4.07	2	6	10	14	18	22	26	30	34	38
520	6500	45	3.98	1	5	9	13	17	21	25	29	33	37
560	6500	45	3.90	-0	4	8	12	16	20	24	28	33	37
360	7000	45	4.75	9	12	16	20	24	27	31	35	38	42
400	7000	45	4.64	7	11	14	18	22	26	30	34	37	41
440	7000	45	4.53	5	9	13	17	21	25	29	32	36	40
480	7000	45	4.43	4	7	11	15	19	23	27	31	35	39
520	7000	45	4.33	2	6	10	14	18	22	26	30	35	39
560	7000	45	4.23	1	5	9	13	17	21	26	30	34	38

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	7500	45	5.15	10	14	18	21	25	29	33	36	40	44
400	7500	45	5.03	8	12	16	20	24	27	31	35	39	43
440	7500	45	4.91	7	10	14	18	22	26	30	34	38	42
480	7500	45	4.80	5	9	13	17	21	25	29	33	37	41
520	7500	45	4.69	3	7	12	16	20	24	28	32	36	40
560	7500	45	4.59	2	6	10	14	19	23	27	31	35	39
360	8000	45	5.57	12	16	19	23	27	31	34	38	42	45
400	8000	45	5.44	10	14	18	21	25	29	33	37	40	44
440	8000	45	5.31	8	12	16	20	24	28	32	35	39	43
480	8000	45	5.19	6	10	14	18	22	26	30	34	38	42
520	8000	45	5.07	5	9	13	17	21	25	29	33	37	41
560	8000	45	4.96	3	7	12	16	20	24	28	32	36	40
360	5000	60	2.75	-5	-2	2	6	10	13	17	21	25	28
400	5000	60	2.69	-6	-3	1	5	9	13	17	20	24	28
440	5000	60	2.63	-7	-4	0	4	8	12	16	20	24	28
480	5000	60	2.58	-8	-4	-0	4	8	12	16	20	24	28
360	5500	60	3.00	-5	-1	3	7	10	14	18	21	25	29
400	5500	60	2.93	-6	-2	2	6	9	13	17	21	25	29
440	5500	60	2.87	-7	-3	1	5	9	13	17	21	24	28
480	5500	60	2.81	-8	-4	0	4	8	12	16	20	24	28
520	5500	60	2.75	-9	-5	-1	3	8	12	16	20	24	28

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	6000	60	3.26	-4	-0	4	7	11	15	18	22	26	30
400	6000	60	3.19	-5	-1	2	6	10	14	18	22	25	29
440	6000	60	3.12	-6	-2	2	5	9	13	17	21	25	29
480	6000	60	3.05	-7	-3	1	5	9	13	17	21	25	29
520	6000	60	2.99	-8	-4	-0	4	8	12	16	20	24	28
560	6000	60	2.93	-9	-5	-1	3	8	12	16	20	24	28
360	6500	60	3.53	-3	1	4	8	12	15	19	23	27	30
400	6500	60	3.45	-4	-1	3	7	11	15	18	22	26	30
440	6500	60	3.37	-6	-2	2	6	10	14	18	22	26	30
480	6500	60	3.30	-7	-3	1	5	9	13	17	21	25	29
520	6500	60	3.23	-8	-3	1	5	9	13	17	21	25	29
560	6500	60	3.16	-8	-4	-0	4	8	12	16	20	25	29
360	7000	60	3.81	-2	1	5	9	12	16	20	24	27	31
400	7000	60	3.72	-4	0	4	8	12	15	19	23	27	31
440	7000	60	3.64	-5	-1	3	7	11	15	19	22	26	30
480	7000	60	3.56	-6	-2	2	6	10	14	18	22	26	30
520	7000	60	3.48	-7	-3	1	5	9	13	17	21	26	30
560	7000	60	3.41	-8	-4	0	5	9	13	17	21	25	29
360	7500	60	4.11	-2	2	6	9	13	17	21	24	28	32
400	7500	60	4.01	-3	1	5	8	12	16	20	24	28	31
440	7500	60	3.92	-4	-0	4	7	11	15	19	23	27	31
480	7500	60	3.83	-5	-1	3	7	11	15	19	23	27	31
520	7500	60	3.74	-6	-2	2	6	10	14	18	22	26	30
560	7500	60	3.66	-7	-3	1	5	9	13	17	22	26	30

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	8000	60	4.41	-1	3	7	10	14	18	21	25	29	33
400	8000	60	4.31	-2	2	5	9	13	17	21	24	28	32
440	8000	60	4.20	-4	0	4	8	12	16	20	24	28	32
480	8000	60	4.11	-5	-1	3	7	11	15	19	23	27	31
520	8000	60	4.02	-6	-2	2	7	11	15	19	23	27	31
560	8000	60	3.93	-7	-2	2	6	10	14	18	22	26	30
360	8500	60	4.73	-0	4	7	11	15	19	22	26	30	33
400	8500	60	4.61	-1	2	6	10	14	18	21	25	29	33
440	8500	60	4.50	-3	1	5	9	13	17	21	25	29	32
480	8500	60	4.40	-4	0	4	8	12	16	20	24	28	32
520	8500	60	4.30	-5	-1	3	7	11	15	19	23	28	32
560	8500	60	4.20	-6	-2	2	6	11	15	19	23	27	31
360	9000	60	5.05	1	5	8	12	16	19	23	27	31	34
400	9000	60	4.93	-1	3	7	11	15	18	22	26	30	34
440	9000	60	4.81	-2	2	6	10	14	18	22	25	29	33
480	9000	60	4.70	-3	1	5	9	13	17	21	25	29	33
520	9000	60	4.59	-4	-0	4	8	12	16	20	24	28	32
560	9000	60	4.49	-5	-1	3	7	11	15	19	24	28	32
360	9500	60	5.39	2	5	9	13	17	20	24	28	31	35
400	9500	60	5.26	0	4	8	12	16	19	23	27	31	35
440	9500	60	5.13	-1	3	7	11	15	18	22	26	30	34
480	9500	60	5.01	-2	2	6	10	14	18	22	26	30	34
520	9500	60	4.89	-3	1	5	9	13	17	21	25	29	33
560	9500	60	4.78	-5	-0	4	8	12	16	20	24	28	33

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	10000	50	5.74	3	6	10	14	18	21	25	29	32	36
400	10000	50	5.60	1	5	9	13	16	20	24	28	32	36
440	10000	50	5.46	-0	4	8	11	15	19	23	27	31	35
480	10000	50	5.33	-2	2	6	10	14	18	22	26	30	34
520	10000	60	5.20	-3	1	5	9	14	18	22	26	30	34
560	10000	50	5.08	-4	0	4	9	13	17	21	25	29	33
360	10500	50	6.10	4	7	11	15	19	22	26	30	33	37
400	10500	50	5.95	2	6	10	14	17	21	25	29	33	37
440	10500	50	5.80	1	5	8	12	16	20	24	28	32	36
480	10500	50	5.66	-1	3	7	11	15	19	23	27	31	35
520	10500	60	5.52	-2	2	6	10	14	18	22	27	31	35
560	10500	50	5.39	-3	1	5	9	13	18	22	26	30	34
360	11000	50	6.47	5	8	12	16	20	23	27	31	35	38
400	11000	50	6.31	3	7	11	15	18	22	26	30	34	37
440	11000	50	6.15	2	5	9	13	17	21	25	29	33	37
480	11000	50	6.00	0	4	8	12	16	20	24	28	32	36
520	11000	50	5.86	-1	3	7	11	15	19	23	27	31	35
560	11000	50	5.72	-2	2	6	10	14	18	23	27	31	35
360	11500	50	6.85	6	10	13	17	21	24	28	32	36	39
400	11500	50	6.68	4	8	12	16	19	23	27	31	35	39
440	11500	50	6.51	3	6	10	14	18	22	26	30	34	38
480	11500	50	6.35	1	5	9	13	17	21	25	29	33	37
520	11500	50	6.20	-0	4	8	12	16	20	24	28	32	36
560	11500	50	6.05	-1	3	7	11	15	19	23	27	32	36

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGLE DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
				-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	12000	60	7.24	7	11	14	18	22	26	29	33	37	40
400	12000	60	7.06	5	9	13	17	20	24	28	32	36	40
440	12000	60	6.88	4	7	11	15	19	23	27	31	35	39
480	12000	60	6.71	2	6	10	14	18	22	26	30	34	38
520	12000	60	6.55	1	5	9	13	17	21	25	29	33	37
560	12000	60	6.39	-0	4	8	12	16	20	24	28	32	37

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	750	10	1.99	3742	3784	3826	3870	3914	3666	3709	3752	3796	3842
400	750	10	1.96	3775	3813	3852	3892	3933	3700	3739	3778	3819	3861
440	750	10	1.93	3805	3840	3876	3912	3950	3730	3766	3802	3840	3878
480	750	10	1.90	3832	3864	3897	3931	3966	3757	3791	3825	3859	3894
520	750	10	1.87	3856	3887	3917	3949	3981	3783	3814	3845	3877	3909
560	750	10	1.84	3879	3907	3936	3965	3995	3806	3835	3864	3894	3924
360	1000	10	2.47	4911	4965	5020	5076	5133	4808	4863	4919	4976	5035
400	1000	10	2.43	4955	5005	5055	5106	5159	4853	4904	4955	5008	5061
440	1000	10	2.39	4996	5041	5087	5135	5183	4895	4941	4988	5036	5085
480	1000	10	2.36	5032	5075	5118	5161	5206	4932	4975	5019	5063	5109
520	1000	10	2.32	5066	5106	5145	5186	5227	4967	5007	5047	5089	5131
560	1000	10	2.29	5098	5134	5171	5209	5248	4999	5036	5074	5112	5151
360	1250	10	2.99	6045	6110	6177	6244	6314	5915	5981	6049	6118	6189
400	1250	10	2.94	6102	6161	6222	6285	6348	5972	6033	6096	6159	6224
440	1250	10	2.90	6153	6208	6265	6322	6380	6025	6081	6139	6197	6256
480	1250	10	2.85	6201	6252	6304	6357	6411	6073	6126	6179	6233	6288
520	1250	10	2.81	6244	6292	6340	6390	6440	6118	6167	6216	6266	6317
560	1250	10	2.77	6285	6329	6375	6420	6467	6159	6205	6251	6298	6345
360	1500	10	3.55	7141	7216	7293	7372	7452	6981	7058	7137	7218	7300
400	1500	10	3.50	7209	7279	7350	7422	7496	7052	7123	7195	7269	7345
440	1500	10	3.44	7273	7337	7403	7469	7537	7117	7182	7249	7317	7386
480	1500	10	3.39	7332	7391	7452	7514	7576	7177	7238	7299	7362	7426
520	1500	10	3.34	7386	7442	7498	7555	7614	7232	7289	7347	7405	7464
560	1500	10	3.29	7437	7489	7542	7595	7649	7284	7337	7391	7445	7501

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	1000	15	1.89	3523	3550	3577	3605	3633	3378	3406	3434	3463	3493
400	1000	15	1.86	3543	3568	3593	3619	3644	3399	3425	3451	3478	3504
440	1000	15	1.83	3562	3585	3608	3631	3655	3419	3443	3466	3491	3515
480	1000	15	1.80	3579	3600	3621	3643	3664	3437	3459	3481	3503	3525
520	1000	15	1.77	3595	3614	3634	3653	3673	3453	3473	3493	3514	3535
560	1000	15	1.75	3609	3627	3645	3664	3682	3468	3486	3505	3524	3544
360	1250	15	2.23	4369	4402	4436	4470	4504	4186	4221	4256	4291	4327
400	1250	15	2.19	4395	4426	4456	4488	4519	4214	4245	4277	4310	4343
440	1250	15	2.15	4419	4447	4475	4504	4533	4239	4268	4297	4327	4357
480	1250	15	2.12	4441	4467	4493	4519	4546	4262	4288	4315	4343	4370
520	1250	15	2.08	4461	4485	4509	4533	4558	4282	4307	4332	4357	4383
560	1250	15	2.05	4479	4501	4524	4546	4569	4301	4324	4348	4371	4395
360	1500	15	2.58	5203	5243	5282	5323	5364	4983	5023	5065	5107	5150
400	1500	15	2.54	5236	5272	5308	5345	5382	5016	5054	5092	5130	5169
440	1500	15	2.49	5265	5298	5332	5365	5400	5047	5082	5116	5151	5187
480	1500	15	2.45	5292	5323	5353	5384	5416	5075	5107	5139	5171	5204
520	1500	15	2.41	5317	5345	5374	5402	5431	5101	5130	5160	5190	5220
560	1500	15	2.37	5340	5366	5392	5419	5446	5125	5152	5179	5207	5235
360	1750	15	2.96	6025	6070	6116	6162	6209	5766	5813	5860	5909	5958
400	1750	15	2.91	6064	6105	6147	6189	6232	5806	5849	5893	5937	5982
440	1750	15	2.86	6100	6137	6176	6214	6254	5843	5883	5923	5963	6004
480	1750	15	2.81	6132	6167	6202	6238	6274	5877	5913	5950	5987	6025
520	1750	15	2.76	6162	6194	6227	6260	6293	5908	5942	5976	6010	6045
560	1750	15	2.71	6189	6219	6250	6280	6311	5936	5968	6000	6032	6064

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	1000	20	1.61	2751	2767	2783	2799	2816	2563	2580	2597	2614	2632
400	1000	20	1.58	2762	2777	2792	2807	2822	2575	2591	2606	2622	2638
440	1000	20	1.55	2773	2786	2800	2813	2827	2586	2601	2615	2630	2644
480	1000	20	1.53	2783	2795	2807	2820	2832	2597	2610	2623	2636	2650
520	1000	20	1.50	2791	2802	2814	2825	2837	2606	2618	2630	2642	2655
560	1000	20	1.48	2799	2809	2820	2831	2841	2614	2625	2637	2648	2660
360	1500	20	2.11	4086	4109	4133	4157	4181	3801	3826	3851	3877	3903
400	1500	20	2.07	4104	4126	4147	4169	4191	3820	3843	3866	3890	3913
440	1500	20	2.03	4121	4140	4160	4180	4200	3838	3859	3880	3901	3923
480	1500	20	2.00	4135	4153	4172	4190	4208	3854	3873	3892	3912	3932
520	1500	20	1.96	4149	4165	4182	4199	4216	3868	3886	3904	3922	3940
560	1500	20	1.93	4161	4177	4192	4208	4224	3881	3898	3915	3931	3948
360	2000	20	2.66	5401	5432	5463	5494	5526	5017	5050	5084	5117	5151
400	2000	20	2.61	5427	5455	5483	5511	5540	5045	5075	5105	5136	5167
440	2000	20	2.56	5449	5475	5501	5527	5553	5069	5097	5124	5152	5181
480	2000	20	2.52	5470	5494	5518	5542	5566	5091	5117	5142	5168	5194
520	2000	20	2.47	5489	5511	5533	5555	5577	5112	5135	5159	5183	5207
560	2000	20	2.43	5507	5527	5547	5568	5588	5130	5152	5174	5196	5218
360	1500	30	1.66	2892	2903	2914	2925	2936	2473	2485	2498	2511	2523
400	1500	30	1.63	2900	2909	2919	2929	2939	2481	2493	2504	2516	2528
440	1500	30	1.60	2906	2915	2924	2933	2942	2489	2500	2510	2521	2531
480	1500	30	1.57	2912	2920	2929	2937	2945	2496	2506	2515	2525	2535

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	2000	30	2.00	3840	3855	3869	3883	3898	3279	3295	3312	3329	3346
400	2000	30	1.97	3851	3864	3877	3890	3903	3290	3306	3321	3336	3352
440	2000	30	1.93	3860	3872	3883	3895	3907	3301	3315	3329	3343	3357
480	2000	30	1.89	3868	3879	3890	3901	3912	3311	3323	3336	3349	3362
520	2000	30	1.86	3875	3885	3895	3906	3916	3320	3331	3343	3355	3366
560	2000	30	1.83	3882	3892	3901	3910	3920	3327	3338	3349	3360	3371
360	2500	30	2.38	4783	4801	4818	4836	4854	4078	4098	4119	4140	4161
400	2500	30	2.33	4796	4812	4828	4845	4861	4093	4112	4131	4150	4169
440	2500	30	2.29	4808	4823	4837	4852	4867	4107	4124	4141	4159	4176
480	2500	30	2.25	4819	4832	4846	4859	4873	4119	4135	4151	4167	4183
520	2500	30	2.20	4828	4841	4853	4866	4878	4131	4145	4160	4174	4189
560	2500	30	2.16	4837	4849	4860	4872	4884	4141	4155	4168	4182	4195
360	3000	30	2.78	5719	5740	5761	5783	5804	4869	4894	4919	4943	4969
400	3000	30	2.73	5736	5755	5774	5793	5813	4888	4911	4933	4956	4979
440	3000	30	2.67	5750	5768	5785	5803	5821	4906	4926	4947	4967	4988
480	3000	30	2.62	5764	5780	5796	5812	5828	4921	4940	4959	4978	4997
520	3000	30	2.57	5776	5791	5805	5820	5835	4936	4953	4970	4988	5005
560	3000	30	2.53	5787	5801	5814	5828	5842	4949	4965	4981	4997	5013
360	3500	30	3.22	6648	6672	6697	6721	6746	5652	5681	5709	5738	5767
400	3500	30	3.15	6668	6690	6712	6735	6757	5675	5701	5727	5754	5780
440	3500	30	3.09	6686	6706	6726	6747	6767	5697	5720	5744	5768	5792
480	3500	30	3.03	6702	6721	6739	6758	6777	5716	5737	5759	5781	5803
520	3500	30	2.97	6717	6734	6751	6769	6786	5733	5753	5773	5794	5814
560	3500	30	2.91	6731	6747	6763	6779	6795	5749	5768	5786	5805	5824

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	4000	30	3.68	7569	7596	7624	7652	7680	6425	6458	6490	6523	6556
400	4000	30	3.61	7592	7617	7643	7668	7693	6453	6483	6512	6542	6572
440	4000	30	3.53	7614	7637	7660	7683	7706	6479	6505	6532	6559	6587
480	4000	30	3.46	7634	7654	7676	7697	7718	6502	6526	6551	6576	6601
520	4000	30	3.39	7651	7671	7690	7710	7730	6523	6545	6568	6591	6614
560	4000	30	3.32	7668	7686	7704	7722	7740	6542	6563	6584	6605	6627
360	4500	30	4.18	8480	8511	8541	8572	8604	7188	7224	7260	7296	7333
400	4500	30	4.09	8508	8536	8564	8592	8621	7220	7253	7286	7320	7353
440	4500	30	4.01	8533	8559	8584	8610	8636	7250	7280	7310	7341	7371
480	4500	30	3.92	8557	8580	8604	8627	8651	7278	7305	7333	7361	7389
520	4500	30	3.84	8578	8600	8621	8643	8665	7303	7328	7354	7379	7405
560	4500	30	3.76	8598	8618	8638	8658	8678	7326	7349	7373	7397	7421
360	5000	30	4.72	9381	9415	9449	9483	9517	7938	7977	8017	8057	8098
400	5000	30	4.61	9414	9444	9475	9506	9538	7976	8012	8049	8085	8122
440	5000	30	4.51	9443	9471	9500	9528	9557	8011	8044	8077	8111	8144
480	5000	30	4.42	9471	9496	9522	9548	9575	8043	8074	8104	8135	8165
520	5000	30	4.32	9496	9520	9543	9568	9592	8073	8101	8129	8157	8185
560	5000	30	4.24	9519	9541	9563	9585	9608	8100	8126	8152	8178	8204
360	3000	45	2.12	4158	4167	4176	4185	4194	2879	2892	2905	2918	2931
400	3000	45	2.08	4163	4171	4180	4188	4196	2887	2899	2910	2922	2934
440	3000	45	2.03	4168	4176	4183	4191	4198	2894	2905	2915	2926	2937
480	3000	45	2.00	4173	4179	4186	4193	4200	2900	2910	2920	2930	2940

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	3500	45	2.39	4845	4855	4866	4876	4887	3350	3365	3380	3395	3411
400	3500	45	2.34	4851	4861	4870	4880	4890	3359	3373	3387	3401	3415
440	3500	45	2.30	4857	4866	4875	4883	4892	3368	3380	3393	3405	3418
480	3500	45	2.25	4863	4871	4878	4886	4895	3376	3387	3398	3410	3421
520	3500	45	2.21	4867	4875	4882	4889	4897	3383	3393	3404	3414	3425
360	4000	45	2.68	5530	5542	5554	5566	5578	3819	3836	3853	3871	3888
400	4000	45	2.62	5538	5549	5560	5571	5582	3830	3846	3861	3877	3893
440	4000	45	2.57	5545	5555	5565	5575	5585	3840	3854	3868	3883	3897
480	4000	45	2.52	5551	5560	5569	5578	5587	3849	3862	3875	3888	3901
520	4000	45	2.47	5557	5565	5573	5582	5590	3857	3869	3881	3893	3905
560	4000	45	2.42	5562	5570	5577	5585	5593	3865	3876	3887	3898	3909
360	4500	45	2.98	6214	6227	6241	6254	6268	4285	4304	4324	4343	4363
400	4500	45	2.92	6223	6235	6247	6259	6272	4298	4316	4333	4351	4369
440	4500	45	2.86	6231	6242	6253	6264	6275	4310	4326	4342	4358	4374
480	4500	45	2.80	6238	6248	6258	6269	6279	4320	4335	4349	4364	4379
520	4500	45	2.74	6245	6254	6263	6273	6282	4330	4343	4357	4370	4384
560	4500	45	2.69	6251	6259	6268	6277	6285	4338	4351	4363	4376	4388
360	5000	45	3.30	6896	6910	6925	6940	6955	4749	4770	4792	4813	4835
400	5000	45	3.23	6906	6919	6933	6946	6960	4764	4783	4802	4822	4842
440	5000	45	3.16	6915	6927	6940	6952	6964	4777	4795	4812	4830	4848
480	5000	45	3.10	6923	6935	6946	6957	6969	4789	4805	4821	4838	4854
520	5000	45	3.03	6931	6941	6952	6962	6973	4800	4815	4830	4845	4860
560	5000	45	2.97	6938	6948	6957	6967	6976	4810	4824	4838	4851	4865

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	5500	45	3.64	7575	7591	7608	7624	7641	5209	5233	5256	5280	5304
400	5500	45	3.56	7587	7602	7616	7631	7646	5226	5247	5269	5290	5312
440	5500	45	3.48	7597	7611	7624	7638	7651	5241	5261	5280	5300	5319
480	5500	45	3.41	7607	7619	7632	7644	7657	5255	5273	5291	5309	5327
520	5500	45	3.33	7616	7627	7638	7650	7661	5268	5284	5301	5317	5333
560	5500	45	3.27	7624	7634	7645	7655	7666	5279	5294	5310	5325	5340
360	6000	45	3.99	8253	8270	8288	8306	8324	5666	5692	5718	5743	5769
400	6000	45	3.90	8266	8282	8298	8314	8330	5686	5709	5732	5755	5779
440	6000	45	3.81	8278	8292	8307	8322	8336	5703	5724	5745	5766	5788
480	6000	45	3.73	8289	8302	8315	8329	8342	5719	5738	5757	5777	5796
520	6000	45	3.65	8299	8311	8323	8336	8348	5733	5751	5768	5786	5804
560	6000	45	3.57	8308	8319	8330	8342	8353	5746	5762	5779	5795	5812
360	6500	45	4.36	8928	8947	8966	8985	9004	6120	6148	6175	6203	6231
400	6500	45	4.26	8943	8960	8977	8995	9012	6142	6167	6192	6217	6242
440	6500	45	4.16	8956	8972	8987	9003	9019	6161	6184	6207	6230	6253
480	6500	45	4.07	8968	8983	8997	9012	9026	6179	6200	6221	6242	6263
520	6500	45	3.98	8979	8993	9006	9019	9033	6195	6214	6234	6253	6272
560	6500	45	3.90	8990	9002	9014	9027	9039	6210	6228	6245	6263	6281
360	7000	45	4.75	9600	9620	9641	9661	9682	6570	6600	6629	6659	6689
400	7000	45	4.64	9617	9635	9654	9672	9691	6594	6621	6648	6675	6702
440	7000	45	4.53	9632	9649	9665	9683	9700	6616	6640	6665	6690	6714
480	7000	45	4.43	9645	9661	9676	9692	9708	6636	6658	6681	6703	6726
520	7000	45	4.33	9658	9672	9687	9701	9715	6654	6675	6695	6716	6737
560	7000	45	4.23	9670	9683	9696	9709	9723	6671	6690	6709	6728	6747

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	7500	45	5.15	10270	10291	10313	10335	10357	7016	7047	7079	7111	7143
400	7500	45	5.03	10288	10308	10328	10348	10368	7043	7071	7100	7129	7158
440	7500	45	4.91	10305	10323	10341	10359	10377	7067	7093	7119	7146	7172
480	7500	45	4.80	10320	10337	10353	10370	10387	7089	7113	7137	7161	7186
520	7500	45	4.69	10334	10350	10365	10380	10396	7110	7132	7154	7176	7198
560	7500	45	4.59	10347	10361	10375	10390	10404	7129	7149	7169	7190	7210
360	8000	45	5.57	10937	10959	10983	11006	11029	7457	7491	7524	7558	7592
400	8000	45	5.44	10957	10978	10999	11020	11041	7487	7517	7548	7579	7610
440	8000	45	5.31	10976	10995	11014	11033	11052	7514	7542	7570	7598	7626
480	8000	45	5.19	10993	11010	11028	11045	11063	7539	7564	7590	7616	7641
520	8000	45	5.07	11008	11024	11041	11057	11073	7562	7585	7609	7632	7656
560	8000	45	4.96	11023	11038	11053	11068	11083	7583	7604	7626	7648	7670
360	5000	60	2.75	5718	5725	5732	5739	5747	2774	2788	2803	2818	2833
400	5000	60	2.69	5721	5728	5734	5741	5747	2781	2794	2807	2821	2834
440	5000	60	2.63	5724	5730	5736	5742	5748	2787	2799	2811	2824	2836
480	5000	60	2.58	5727	5733	5738	5743	5749	2793	2804	2815	2826	2837
360	5500	60	3.00	6287	6295	6303	6311	6319	3046	3062	3078	3094	3110
400	5500	60	2.93	6291	6298	6305	6312	6320	3054	3068	3083	3098	3112
440	5500	60	2.87	6294	6301	6307	6314	6320	3061	3074	3088	3101	3114
480	5500	60	2.81	6298	6303	6309	6315	6321	3067	3080	3092	3104	3116
520	5500	60	2.75	6300	6306	6311	6317	6322	3073	3085	3096	3107	3118

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK					HORIZONTAL RANGE - FT - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	6000	60	3.26	6856	6864	6873	6881	6890	3317	3334	3352	3369	3387
400	6000	60	3.19	6860	6868	6876	6883	6891	3326	3342	3358	3374	3390
440	6000	60	3.12	6864	6871	6878	6885	6892	3334	3348	3363	3377	3392
480	6000	60	3.05	6868	6874	6880	6887	6894	3341	3354	3368	3381	3394
520	6000	60	2.99	6871	6877	6883	6889	6895	3348	3360	3372	3384	3397
560	6000	60	2.93	6874	6879	6885	6890	6896	3354	3365	3376	3388	3399
360	6500	60	3.53	7424	7433	7442	7452	7461	3586	3605	3624	3644	3663
400	6500	60	3.45	7429	7437	7445	7454	7462	3596	3614	3631	3648	3666
440	6500	60	3.37	7433	7441	7448	7456	7464	3605	3621	3637	3653	3668
480	6500	60	3.30	7437	7444	7451	7458	7465	3614	3628	3642	3657	3671
520	6500	60	3.23	7441	7447	7453	7460	7466	3621	3634	3647	3661	3674
560	6500	60	3.16	7444	7450	7456	7462	7468	3628	3640	3652	3664	3677
360	7000	60	3.81	7991	8001	8011	8021	8031	3855	3875	3896	3917	3937
400	7000	60	3.72	7997	8006	8015	8024	8033	3866	3885	3903	3922	3941
440	7000	60	3.64	8002	8010	8018	8026	8035	3876	3893	3910	3927	3944
480	7000	60	3.56	8006	8013	8021	8029	8036	3885	3901	3916	3932	3947
520	7000	60	3.48	8010	8017	8024	8031	8038	3893	3908	3922	3936	3950
560	7000	60	3.41	8014	8020	8026	8033	8039	3901	3914	3927	3940	3954
360	7500	60	4.11	8558	8569	8579	8590	8601	4122	4144	4166	4188	4210
400	7500	60	4.01	8564	8574	8583	8593	8603	4134	4154	4174	4194	4214
440	7500	60	3.92	8569	8578	8587	8596	8605	4146	4164	4182	4200	4218
480	7500	60	3.83	8574	8582	8590	8599	8607	4156	4172	4189	4205	4222
520	7500	60	3.74	8579	8586	8594	8601	8609	4165	4180	4195	4210	4226
560	7500	60	3.66	8583	8590	8597	8603	8610	4173	4187	4201	4215	4229

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	8000	60	4.41	9124	9136	9147	9158	9170	4388	4411	4435	4458	4482
400	8000	60	4.31	9131	9141	9151	9162	9172	4401	4423	4444	4465	4487
440	8000	60	4.20	9137	9146	9155	9165	9174	4414	4433	4452	4472	4491
480	8000	60	4.11	9142	9151	9159	9168	9177	4425	4442	4460	4478	4496
520	8000	60	4.02	9147	9155	9163	9171	9179	4435	4451	4467	4484	4500
560	8000	60	3.93	9152	9159	9166	9173	9181	4444	4459	4474	4489	4504
360	8500	60	4.73	9690	9702	9714	9726	9738	4652	4677	4702	4727	4752
400	8500	60	4.61	9697	9708	9719	9730	9741	4667	4690	4712	4735	4757
440	8500	60	4.50	9704	9713	9723	9733	9743	4681	4701	4722	4742	4763
480	8500	60	4.40	9709	9718	9728	9737	9746	4693	4712	4730	4749	4768
520	8500	60	4.30	9715	9723	9731	9740	9748	4704	4721	4738	4756	4773
560	8500	60	4.20	9720	9727	9735	9743	9751	4714	4730	4746	4762	4778
360	9000	60	5.05	10255	10267	10280	10293	10306	4915	4941	4968	4994	5020
400	9000	60	4.93	10262	10274	10285	10297	10309	4931	4955	4979	5003	5027
440	9000	60	4.81	10270	10280	10290	10301	10312	4946	4968	4989	5011	5033
480	9000	60	4.70	10276	10286	10295	10305	10315	4959	4979	4999	5019	5039
520	9000	60	4.59	10282	10291	10300	10308	10317	4972	4990	5008	5026	5045
560	9000	60	4.49	10287	10295	10304	10312	10320	4983	5000	5016	5033	5050
360	9500	60	5.39	10819	10832	10845	10859	10872	5176	5204	5232	5259	5287
400	9500	60	5.26	10827	10839	10851	10864	10876	5194	5219	5244	5269	5295
440	9500	60	5.13	10835	10846	10857	10868	10879	5210	5233	5256	5279	5301
480	9500	60	5.01	10842	10852	10862	10872	10882	5225	5245	5266	5287	5308
520	9500	60	4.89	10848	10858	10867	10876	10886	5238	5257	5276	5296	5315
560	9500	60	4.78	10854	10863	10871	10880	10889	5250	5268	5286	5303	5321

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	10000	60	5.74	11382	11396	11410	11424	11438	5436	5465	5494	5523	5552
400	10000	60	5.60	11391	11404	11416	11429	11442	5455	5481	5508	5534	5561
440	10000	60	5.46	11399	11411	11423	11434	11446	5472	5496	5520	5544	5569
480	10000	60	5.33	11407	11418	11428	11439	11450	5488	5510	5532	5554	5576
520	10000	60	5.20	11414	11424	11434	11443	11453	5503	5523	5543	5564	5584
560	10000	60	5.08	11421	11430	11439	11448	11457	5516	5535	5554	5572	5591
360	10500	60	6.10	11944	11959	11973	11988	12003	5693	5724	5754	5785	5816
400	10500	60	5.95	11954	11967	11981	11994	12008	5714	5742	5769	5797	5825
440	10500	60	5.80	11963	11975	11987	12000	12012	5733	5758	5784	5809	5834
480	10500	60	5.66	11972	11983	11994	12005	12016	5751	5774	5797	5820	5843
520	10500	60	5.52	11979	11989	12000	12010	12020	5766	5788	5809	5830	5851
560	10500	60	5.39	11986	11996	12005	12015	12024	5781	5801	5820	5840	5859
360	11000	60	6.47	12506	12521	12536	12552	12567	5949	5981	6013	6045	6077
400	11000	60	6.31	12516	12530	12544	12558	12572	5971	6000	6029	6059	6088
440	11000	60	6.15	12526	12539	12552	12564	12577	5992	6019	6045	6071	6098
480	11000	60	6.00	12535	12547	12558	12570	12582	6011	6035	6059	6083	6108
520	11000	60	5.86	12544	12554	12565	12576	12586	6028	6051	6073	6095	6117
560	11000	60	5.72	12551	12561	12571	12581	12591	6044	6065	6085	6106	6126
360	11500	60	6.85	13066	13082	13098	13114	13130	6203	6236	6269	6303	6336
400	11500	60	6.68	13078	13092	13107	13121	13136	6227	6257	6288	6318	6348
440	11500	60	6.51	13088	13102	13115	13128	13141	6249	6277	6305	6332	6360
480	11500	60	6.35	13098	13110	13122	13135	13147	6270	6295	6320	6346	6371
520	11500	60	6.20	13107	13118	13129	13141	13152	6289	6312	6335	6358	6381
560	11500	60	6.05	13115	13126	13136	13146	13157	6306	6327	6349	6370	6392

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	12000	60	7.24	13626	13642	13659	13675	13692	6454	6489	6524	6559	6594
400	12000	60	7.06	13638	13653	13668	13683	13699	6481	6512	6544	6576	6607
440	12000	60	6.88	13650	13663	13677	13691	13705	6505	6534	6562	6591	6620
480	12000	60	6.71	13660	13673	13685	13698	13711	6527	6553	6580	6606	6632
520	12000	60	6.55	13670	13682	13693	13705	13717	6547	6571	6596	6620	6644
560	12000	60	6.39	13679	13690	13700	13711	13722	6566	6588	6611	6633	6655

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	750	10	1.99	34	67	101	134	168	2	4	5	7	9
400	750	10	1.96	33	66	99	132	165	2	3	5	7	9
440	750	10	1.93	33	65	98	130	163	2	3	5	7	8
480	750	10	1.90	32	64	96	128	160	2	3	5	6	8
520	750	10	1.87	32	63	95	126	158	2	3	5	6	8
560	750	10	1.84	31	62	93	124	155	2	3	5	6	8
360	1000	10	2.47	42	83	125	167	208	2	3	5	7	8
400	1000	10	2.43	41	82	123	164	205	2	3	5	7	8
440	1000	10	2.39	40	81	121	162	202	2	3	5	6	8
480	1000	10	2.36	40	80	119	159	199	2	3	5	6	8
520	1000	10	2.32	39	78	118	157	196	2	3	5	6	8
560	1000	10	2.29	39	77	116	154	193	1	3	4	6	7
360	1250	10	2.99	50	101	151	202	252	2	3	5	7	8
400	1250	10	2.94	50	99	149	199	248	2	3	5	7	8
440	1250	10	2.90	49	98	147	196	245	2	3	5	6	8
480	1250	10	2.85	48	96	145	193	241	2	3	5	6	8
520	1250	10	2.81	47	95	142	190	237	1	3	4	6	7
560	1250	10	2.77	47	93	140	187	234	1	3	4	6	7
360	1500	10	3.55	60	120	180	240	300	2	3	5	7	9
400	1500	10	3.50	59	118	177	236	295	2	3	5	7	8
440	1500	10	3.44	58	116	174	233	291	2	3	5	6	8
480	1500	10	3.39	57	115	172	229	286	2	3	5	6	8
520	1500	10	3.34	56	113	169	226	282	2	3	5	6	8
560	1500	10	3.29	56	111	167	222	278	1	3	4	6	7

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	1000	15	1.89	32	64	96	128	160	3	5	8	10	13
400	1000	15	1.86	31	63	94	126	157	2	5	7	10	12
440	1000	15	1.83	31	62	93	124	155	2	5	7	10	12
480	1000	15	1.80	30	61	91	122	152	2	5	7	9	12
520	1000	15	1.77	30	60	90	120	150	2	5	7	9	11
560	1000	15	1.75	30	59	89	118	148	2	4	7	9	11
360	1250	15	2.23	38	75	113	150	188	2	5	7	10	12
400	1250	15	2.19	37	74	111	148	185	2	5	7	9	12
440	1250	15	2.15	36	73	109	145	182	2	5	7	9	11
480	1250	15	2.12	36	72	107	143	179	2	4	7	9	11
520	1250	15	2.08	35	70	105	141	176	2	4	7	9	11
560	1250	15	2.05	35	69	104	138	173	2	4	6	9	11
360	1500	15	2.58	44	87	131	174	218	2	5	7	10	12
400	1500	15	2.54	43	86	129	171	214	2	5	7	9	12
440	1500	15	2.49	42	84	126	169	211	2	5	7	9	11
480	1500	15	2.45	41	83	124	166	207	2	4	7	9	11
520	1500	15	2.41	41	81	122	163	204	2	4	6	9	11
560	1500	15	2.37	40	80	120	160	200	2	4	6	8	10
360	1750	15	2.96	50	100	150	200	250	2	5	7	9	12
400	1750	15	2.91	49	98	147	196	246	2	5	7	9	12
440	1750	15	2.86	48	97	145	193	241	2	4	7	9	11
480	1750	15	2.81	47	95	142	190	237	2	4	7	9	11
520	1750	15	2.76	47	93	140	186	233	2	4	6	9	11
560	1750	15	2.71	46	92	137	183	229	2	4	6	8	10

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	1000	20	1.61	27	54	82	109	136	4	7	11	14	18
400	1000	20	1.58	27	53	80	107	133	3	7	10	14	17
440	1000	20	1.55	26	52	79	105	131	3	7	10	13	17
480	1000	20	1.53	26	52	78	103	129	3	7	10	13	17
520	1000	20	1.50	25	51	76	101	127	3	6	10	13	16
560	1000	20	1.48	25	50	75	100	125	3	6	10	13	16
360	1500	20	2.11	36	71	107	142	178	3	6	9	13	16
400	1500	20	2.07	35	70	105	140	175	3	6	9	12	15
440	1500	20	2.03	34	69	103	137	172	3	6	9	12	15
480	1500	20	2.00	34	67	101	135	169	3	6	9	12	15
520	1500	20	1.96	33	66	99	133	166	3	6	9	11	14
560	1500	20	1.93	33	65	98	130	163	3	6	8	11	14
360	2000	20	2.66	45	90	135	180	225	3	6	9	12	15
400	2000	20	2.61	44	88	132	176	220	3	6	9	12	15
440	2000	20	2.56	43	87	130	173	216	3	6	9	12	14
480	2000	20	2.52	43	85	128	170	213	3	6	8	11	14
520	2000	20	2.47	42	83	125	167	209	3	6	8	11	14
560	2000	20	2.43	41	82	123	164	205	3	5	8	11	13
360	1500	30	1.66	28	56	84	112	140	5	10	15	20	25
400	1500	30	1.63	28	55	83	110	138	5	10	15	20	24
440	1500	30	1.60	27	54	81	108	135	5	10	14	19	24
480	1500	30	1.57	27	53	80	106	133	5	9	14	19	23

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	2000	30	2.00	34	68	102	135	169	5	9	14	18	23
400	2000	30	1.97	33	66	100	133	166	4	9	13	18	22
440	2000	30	1.93	33	65	98	130	163	4	9	13	17	22
480	2000	30	1.89	32	64	96	128	160	4	9	13	17	21
520	2000	30	1.86	31	63	94	126	157	4	8	12	17	21
560	2000	30	1.83	31	62	93	123	154	4	8	12	16	20
360	2500	30	2.38	40	80	121	161	201	4	9	13	17	22
400	2500	30	2.33	39	79	118	158	197	4	9	13	17	21
440	2500	30	2.29	39	77	116	155	193	4	8	12	17	21
480	2500	30	2.25	38	76	114	152	190	4	8	12	16	20
520	2500	30	2.20	37	74	112	149	186	4	8	12	16	20
560	2500	30	2.16	37	73	110	146	183	4	8	12	16	19
360	3000	30	2.78	47	94	141	188	235	4	9	13	17	21
400	3000	30	2.73	46	92	138	184	230	4	8	13	17	21
440	3000	30	2.67	45	90	136	181	226	4	8	12	16	20
480	3000	30	2.62	44	89	133	177	222	4	8	12	16	20
520	3000	30	2.57	43	87	130	174	217	4	8	12	16	19
560	3000	30	2.53	43	85	128	171	213	4	8	11	15	19
360	3500	30	3.22	54	109	163	217	272	4	9	13	17	21
400	3500	30	3.15	53	106	160	213	266	4	8	12	17	21
440	3500	30	3.09	52	104	156	209	261	4	8	12	16	20
480	3500	30	3.03	51	102	153	204	256	4	8	12	16	20
520	3500	30	2.97	50	100	150	200	251	4	8	12	15	19
560	3500	30	2.91	49	98	147	197	246	4	8	11	15	19

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	4000	30	3.68	62	124	187	249	311	4	9	13	17	22
400	4000	30	3.61	61	122	183	244	305	4	8	13	17	21
440	4000	30	3.53	60	119	179	239	298	4	8	12	16	20
480	4000	30	3.46	58	117	175	234	292	4	8	12	16	20
520	4000	30	3.39	57	115	172	229	286	4	8	12	16	19
560	4000	30	3.32	56	112	168	224	281	4	8	11	15	19
360	4500	30	4.18	71	141	212	283	353	4	9	13	18	22
400	4500	30	4.09	69	138	207	277	346	4	9	13	17	21
440	4500	30	4.01	68	135	203	271	338	4	8	12	17	21
480	4500	30	3.92	66	132	199	265	331	4	8	12	16	20
520	4500	30	3.84	65	130	195	260	324	4	8	12	16	20
560	4500	30	3.76	64	127	191	254	318	4	8	12	15	19
360	5000	30	4.72	80	159	239	319	398	4	9	13	18	22
400	5000	30	4.61	78	156	234	312	390	4	9	13	17	22
440	5000	30	4.51	76	152	229	305	381	4	9	13	17	21
480	5000	30	4.42	75	149	224	298	373	4	8	12	17	21
520	5000	30	4.32	73	146	219	292	365	4	8	12	16	20
560	5000	30	4.24	72	143	215	286	358	4	8	12	16	20
360	3000	45	2.12	36	72	107	143	179	6	12	19	25	31
400	3000	45	2.08	35	70	105	140	175	6	12	18	24	30
440	3000	45	2.03	34	69	103	137	172	6	12	18	24	30
480	3000	45	2.00	34	67	101	135	169	6	12	17	23	29

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	3500	45	2.39	40	81	121	162	202	6	12	18	24	30
400	3500	45	2.34	40	79	119	158	198	6	12	18	23	29
440	3500	45	2.30	39	78	116	155	194	6	11	17	23	29
480	3500	45	2.25	38	76	114	152	190	6	11	17	22	28
520	3500	45	2.21	37	75	112	149	186	5	11	16	22	27
360	4000	45	2.68	45	91	136	181	226	6	12	18	24	29
400	4000	45	2.62	44	89	133	177	222	6	12	17	23	29
440	4000	45	2.57	43	87	130	174	217	6	11	17	23	28
480	4000	45	2.52	43	85	128	170	213	6	11	17	22	28
520	4000	45	2.47	42	83	125	167	209	5	11	16	22	27
560	4000	45	2.42	41	82	123	164	205	5	11	16	21	26
360	4500	45	2.98	50	101	151	202	252	6	12	18	23	29
400	4500	45	2.92	49	99	148	197	247	6	11	17	23	29
440	4500	45	2.86	48	97	145	193	241	6	11	17	22	28
480	4500	45	2.80	47	95	142	189	237	5	11	16	22	27
520	4500	45	2.74	46	93	139	185	232	5	11	16	21	27
560	4500	45	2.69	45	91	136	182	227	5	10	16	21	26
360	5000	45	3.30	56	112	167	223	279	6	12	18	23	29
400	5000	45	3.23	55	109	164	218	273	6	11	17	23	29
440	5000	45	3.16	53	107	160	214	267	6	11	17	22	28
480	5000	45	3.10	52	105	157	209	261	5	11	16	22	27
520	5000	45	3.03	51	102	154	205	256	5	11	16	21	27
560	5000	45	2.97	50	100	151	201	251	5	10	16	21	26

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	5500	45	3.64	61	123	184	246	307	6	12	18	23	29
400	5500	45	3.56	60	120	180	240	300	6	11	17	23	29
440	5500	45	3.48	59	118	176	235	294	6	11	17	22	28
480	5500	45	3.41	58	115	173	230	288	5	11	16	22	27
520	5500	45	3.33	56	113	169	225	282	5	11	16	21	27
560	5500	45	3.27	55	110	165	221	276	5	10	16	21	26
360	6000	45	3.99	67	135	202	270	337	6	12	18	24	30
400	6000	45	3.90	66	132	198	264	329	6	12	17	23	29
440	6000	45	3.81	64	129	193	258	322	6	11	17	22	28
480	6000	45	3.73	63	126	189	252	315	5	11	16	22	27
520	6000	45	3.65	62	123	185	247	308	5	11	16	21	27
560	6000	45	3.57	60	121	181	241	302	5	10	15	21	26
360	6500	45	4.36	74	147	221	295	368	6	12	18	24	30
400	6500	45	4.26	72	144	216	288	360	6	12	17	23	29
440	6500	45	4.16	70	141	211	281	352	6	11	17	23	28
480	6500	45	4.07	69	138	206	275	344	6	11	17	22	28
520	6500	45	3.98	67	135	202	269	336	5	11	16	22	27
560	6500	45	3.90	66	132	197	263	329	5	11	16	21	26
360	7000	45	4.75	80	160	241	321	401	6	12	18	24	30
400	7000	45	4.64	78	157	235	313	392	6	12	18	24	30
440	7000	45	4.53	77	153	230	306	383	6	12	17	23	29
480	7000	45	4.43	75	150	224	299	374	6	11	17	22	28
520	7000	45	4.33	73	146	219	292	366	5	11	16	22	27
560	7000	45	4.23	72	143	215	286	358	5	11	16	21	27

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	7500	45	5.15	87	174	261	348	435	6	12	18	25	31
400	7500	45	5.03	85	170	255	340	425	6	12	18	24	30
440	7500	45	4.91	83	166	249	332	415	6	12	18	23	29
480	7500	45	4.80	81	162	243	324	405	6	11	17	23	28
520	7500	45	4.69	79	158	238	317	396	6	11	17	22	28
560	7500	45	4.59	77	155	232	310	387	5	11	16	22	27
360	8000	45	5.57	94	188	282	377	471	6	13	19	25	31
400	8000	45	5.44	92	184	276	368	460	6	12	18	24	31
440	8000	45	5.31	90	179	269	359	449	6	12	18	24	30
480	8000	45	5.19	88	175	263	351	438	6	12	17	23	29
520	8000	45	5.07	86	171	257	343	428	6	11	17	23	28
560	8000	45	4.96	84	167	251	335	419	5	11	16	22	27
360	5000	60	2.75	46	93	139	186	232	7	14	21	28	35
400	5000	60	2.69	45	91	136	182	227	7	14	21	28	35
440	5000	60	2.63	44	89	133	178	222	7	14	20	27	34
480	5000	60	2.58	44	87	131	174	218	7	13	20	26	33
360	5500	60	3.00	51	101	152	203	253	7	14	21	28	35
400	5500	60	2.93	50	99	149	198	248	7	14	21	27	34
440	5500	60	2.87	48	97	145	194	242	7	13	20	27	34
480	5500	60	2.81	47	95	142	190	237	7	13	20	26	33
520	5500	60	2.75	46	93	139	186	232	6	13	19	26	32

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	6000	60	3.26	55	110	165	220	275	7	14	21	28	35
400	6000	60	3.19	54	108	161	215	269	7	14	21	27	34
440	6000	60	3.12	53	105	158	211	263	7	13	20	27	33
480	6000	60	3.05	52	103	155	206	258	7	13	20	26	33
520	6000	60	2.99	50	101	151	202	252	6	13	19	26	32
560	6000	60	2.93	49	99	148	198	247	6	13	19	25	31
360	6500	60	3.53	60	119	179	239	298	7	14	21	28	35
400	6500	60	3.45	58	117	175	233	291	7	14	21	27	34
440	6500	60	3.37	57	114	171	228	285	7	13	20	27	33
480	6500	60	3.30	56	111	167	223	279	7	13	20	26	33
520	6500	60	3.23	55	109	164	218	273	6	13	19	26	32
560	6500	60	3.16	53	107	160	214	267	6	13	19	25	31
360	7000	60	3.81	64	129	193	258	322	7	14	21	28	35
400	7000	60	3.72	63	126	189	252	315	7	14	21	27	34
440	7000	60	3.64	61	123	184	246	307	7	13	20	27	34
480	7000	60	3.56	60	120	180	240	301	7	13	20	26	33
520	7000	60	3.48	59	118	176	235	294	6	13	19	26	32
560	7000	60	3.41	58	115	173	230	288	6	13	19	25	31
360	7500	60	4.11	69	139	208	277	347	7	14	21	28	35
400	7500	60	4.01	68	135	203	271	339	7	14	21	28	35
440	7500	60	3.92	66	132	198	265	331	7	13	20	27	34
480	7500	60	3.83	65	129	194	259	323	7	13	20	26	33
520	7500	60	3.74	63	126	190	253	316	6	13	19	26	32
560	7500	60	3.66	62	124	186	247	309	6	13	19	25	31

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	8000	60	4.41	74	149	223	298	372	7	14	21	29	36
400	8000	60	4.31	73	145	218	291	364	7	14	21	28	35
440	8000	60	4.20	71	142	213	284	355	7	14	20	27	34
480	8000	60	4.11	69	139	208	278	347	7	13	20	27	33
520	8000	60	4.02	68	136	203	271	339	6	13	19	26	32
560	8000	60	3.93	66	133	199	265	332	6	13	19	25	32
360	8500	60	4.73	80	160	239	319	399	7	14	22	29	36
400	8500	60	4.61	78	156	234	312	389	7	14	21	28	35
440	8500	60	4.50	76	152	228	304	380	7	14	21	27	34
480	8500	60	4.40	74	149	223	297	371	7	13	20	27	33
520	8500	60	4.30	73	145	218	290	363	7	13	20	26	33
560	8500	60	4.20	71	142	213	284	355	6	13	19	26	32
360	9000	60	5.05	85	171	256	341	427	7	15	22	29	36
400	9000	60	4.93	83	167	250	333	416	7	14	21	28	36
440	9000	60	4.81	81	163	244	325	406	7	14	21	28	35
480	9000	60	4.70	79	159	238	317	397	7	14	20	27	34
520	9000	60	4.59	78	155	233	310	388	7	13	20	26	33
560	9000	60	4.49	76	152	227	303	379	6	13	19	26	32
360	9500	60	5.39	91	182	273	364	455	7	15	22	29	37
400	9500	60	5.26	89	178	266	355	444	7	14	22	29	36
440	9500	60	5.13	87	173	260	347	433	7	14	21	28	35
480	9500	60	5.01	85	169	254	338	423	7	14	20	27	34
520	9500	60	4.89	83	165	248	330	413	7	13	20	27	33
560	9500	60	4.78	81	161	242	323	404	6	13	19	26	32

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	10000	60	5.74	97	194	291	388	485	7	15	22	30	37
400	10000	60	5.60	95	189	284	378	473	7	15	22	29	36
440	10000	60	5.46	92	184	277	369	461	7	14	21	28	35
480	10000	60	5.33	90	180	270	360	450	7	14	21	28	35
520	10000	60	5.20	88	176	264	351	439	7	13	20	27	34
560	10000	60	5.08	86	172	257	343	429	7	13	20	26	33
360	10500	60	6.10	103	206	309	412	515	8	15	23	30	38
400	10500	60	5.95	100	201	301	402	502	7	15	22	29	37
440	10500	60	5.80	98	196	294	392	490	7	14	22	29	36
480	10500	60	5.66	96	191	287	382	478	7	14	21	28	35
520	10500	60	5.52	93	187	280	373	467	7	14	20	27	34
560	10500	60	5.39	91	182	273	364	456	7	13	20	27	33
360	11000	60	6.47	109	219	328	437	547	8	15	23	31	38
400	11000	60	6.31	107	213	320	426	533	7	15	22	30	37
440	11000	60	6.15	104	208	312	416	520	7	15	22	29	36
480	11000	60	6.00	101	203	304	405	507	7	14	21	28	35
520	11000	60	5.86	99	198	297	396	495	7	14	21	28	35
560	11000	60	5.72	97	193	290	386	483	7	13	20	27	34
360	11500	60	6.85	116	232	347	463	579	8	16	23	31	39
400	11500	60	6.68	113	226	338	451	564	8	15	23	30	38
440	11500	60	6.51	110	220	330	440	550	7	15	22	29	37
480	11500	60	6.35	107	215	322	429	536	7	14	22	29	36
520	11500	60	6.20	105	209	314	419	523	7	14	21	28	35
560	11500	60	6.05	102	204	306	409	511	7	14	20	27	34

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	12000	60	7.24	122	245	367	489	612	8	16	24	32	39
400	12000	60	7.06	119	239	358	477	596	8	15	23	31	38
440	12000	60	6.88	116	233	349	465	581	7	15	22	30	37
480	12000	60	6.71	113	227	340	454	567	7	15	22	29	36
520	12000	60	6.55	111	221	332	442	553	7	14	21	28	35
560	12000	60	6.39	108	216	324	432	540	7	14	21	28	35

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	750	10	1.99	14	18	22	26	29	33	37	40	44	48
400	750	10	1.96	12	16	19	23	27	31	35	38	42	46
440	750	10	1.93	9	13	17	21	25	29	33	37	41	44
480	750	10	1.90	7	11	15	19	23	27	31	35	39	43
520	750	10	1.87	5	9	13	17	21	25	30	34	38	42
560	750	10	1.84	4	8	12	16	20	24	28	32	36	41
360	1000	10	2.47	17	21	25	28	32	36	40	43	47	51
400	1000	10	2.43	14	18	22	26	30	34	37	41	45	49
440	1000	10	2.39	12	16	20	24	28	31	35	39	43	47
480	1000	10	2.36	10	14	18	22	26	30	34	38	42	46
520	1000	10	2.32	8	12	16	20	24	28	32	36	40	44
560	1000	10	2.29	6	10	14	18	22	27	31	35	39	43
360	1250	10	2.99	20	24	28	31	35	39	42	46	50	54
400	1250	10	2.94	17	21	25	29	33	36	40	44	48	52
440	1250	10	2.90	15	19	23	26	30	34	38	42	46	50
480	1250	10	2.85	12	16	20	24	28	32	36	40	44	48
520	1250	10	2.81	10	14	18	23	27	31	35	39	43	47
560	1250	10	2.77	9	13	17	21	25	29	33	37	41	46
360	1500	10	3.55	23	27	31	35	38	42	46	49	53	57
400	1500	10	3.50	20	24	28	32	36	39	43	47	51	55
440	1500	10	3.44	18	22	26	29	33	37	41	45	49	53
480	1500	10	3.39	15	19	23	27	31	35	39	43	47	51
520	1500	10	3.34	13	17	21	25	29	33	37	42	46	50
560	1500	10	3.29	11	15	19	24	28	32	36	40	44	48

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	15	1.89	13	17	21	24	28	32	36	39	43	47
400	1000	15	1.86	11	14	18	22	26	30	33	37	41	45
440	1000	15	1.83	8	12	16	20	24	28	32	36	39	43
480	1000	15	1.80	6	10	14	18	22	26	30	34	38	42
520	1000	15	1.77	4	8	12	16	20	25	29	33	37	41
560	1000	15	1.75	3	7	11	15	19	23	27	31	35	40
360	1250	15	2.23	15	19	23	26	30	34	38	41	45	49
400	1250	15	2.19	13	16	20	24	28	32	35	39	43	47
440	1250	15	2.15	10	14	18	22	26	30	34	37	41	45
480	1250	15	2.12	8	12	16	20	24	28	32	36	40	44
520	1250	15	2.08	6	10	14	18	22	26	30	34	38	43
560	1250	15	2.05	4	8	13	17	21	25	29	33	37	41
360	1500	15	2.58	17	21	25	28	32	36	40	43	47	51
400	1500	15	2.54	14	18	22	26	30	34	37	41	45	49
440	1500	15	2.49	12	16	20	24	28	32	35	39	43	47
480	1500	15	2.45	10	14	18	22	26	30	34	38	42	46
520	1500	15	2.41	8	12	16	20	24	28	32	36	40	44
560	1500	15	2.37	6	10	14	18	22	27	31	35	39	43
360	1750	15	2.96	19	23	27	31	34	38	42	45	49	53
400	1750	15	2.91	16	20	24	28	32	36	39	43	47	51
440	1750	15	2.86	14	18	22	26	30	33	37	41	45	49
480	1750	15	2.81	12	16	20	24	28	32	36	40	44	48
520	1750	15	2.76	10	14	18	22	26	30	34	38	42	46
560	1750	15	2.71	8	12	16	20	24	28	32	37	41	45

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	20	1.61	11	14	18	22	26	29	33	37	40	44
400	1000	20	1.58	8	12	16	20	23	27	31	35	39	42
440	1000	20	1.55	6	10	14	18	21	25	29	33	37	41
480	1000	20	1.53	4	8	12	16	20	24	28	32	36	40
520	1000	20	1.50	2	6	10	14	18	22	26	30	34	38
560	1000	20	1.48	0	4	9	13	17	21	25	29	33	37
360	1500	20	2.11	14	18	21	25	29	32	36	40	44	47
400	1500	20	2.07	11	15	19	23	26	30	34	38	42	46
440	1500	20	2.03	9	13	17	20	24	28	32	36	40	44
480	1500	20	2.00	7	11	15	19	23	27	31	35	39	43
520	1500	20	1.96	5	9	13	17	21	25	29	33	37	41
560	1500	20	1.93	3	7	11	15	20	24	28	32	36	40
360	2000	20	2.66	17	21	24	28	32	35	39	43	47	50
400	2000	20	2.61	14	18	22	26	29	33	37	41	45	48
440	2000	20	2.56	12	15	19	23	27	31	35	39	43	47
480	2000	20	2.52	9	13	17	21	25	29	33	37	41	45
520	2000	20	2.47	7	11	16	20	24	28	32	36	40	44
560	2000	20	2.43	6	10	14	18	22	26	30	34	39	43
360	1500	30	1.66	9	13	17	20	24	28	32	35	39	43
400	1500	30	1.63	7	11	14	18	22	26	30	34	37	41
440	1500	30	1.60	5	9	12	16	20	24	28	32	36	40
480	1500	30	1.57	3	7	11	15	19	23	27	31	35	39

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	2000	30	2.00	11	15	19	22	26	30	34	37	41	45
400	2000	30	1.97	9	13	16	20	24	28	32	35	39	43
440	2000	30	1.93	6	10	14	18	22	26	30	34	38	42
480	2000	30	1.89	4	8	12	16	20	24	28	32	36	40
520	2000	30	1.86	3	7	11	15	19	23	27	31	35	39
560	2000	30	1.83	1	5	9	13	18	22	26	30	34	38
360	2500	30	2.38	13	17	21	24	28	32	35	39	43	47
400	2500	30	2.33	11	14	18	22	26	30	34	37	41	45
440	2500	30	2.29	8	12	16	20	24	28	32	36	40	43
480	2500	30	2.25	6	10	14	18	22	26	30	34	38	42
520	2500	30	2.20	4	8	12	17	21	25	29	33	37	41
560	2500	30	2.16	3	7	11	15	19	23	27	32	36	40
360	3000	30	2.78	15	19	23	26	30	34	37	41	45	49
400	3000	30	2.73	12	16	20	24	28	32	35	39	43	47
440	3000	30	2.67	10	14	18	22	26	30	34	37	41	45
480	3000	30	2.62	8	12	16	20	24	28	32	36	40	44
520	3000	30	2.57	6	10	14	18	22	26	30	34	39	43
560	3000	30	2.53	4	8	13	17	21	25	29	33	37	41
360	3500	30	3.22	17	21	25	28	32	36	40	43	47	51
400	3500	30	3.15	14	18	22	26	30	34	37	41	45	49
440	3500	30	3.09	12	16	20	24	28	32	35	39	43	47
480	3500	30	3.03	10	14	18	22	26	30	34	38	42	46
520	3500	30	2.97	8	12	16	20	24	28	32	36	40	44
560	3500	30	2.91	6	10	14	18	23	27	31	35	39	43

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	4000	30	3.68	19	23	27	31	34	38	42	46	49	53
400	4000	30	3.61	17	20	24	28	32	36	40	43	47	51
440	4000	30	3.53	14	18	22	26	30	34	38	41	45	49
480	4000	30	3.46	12	16	20	24	28	32	36	40	44	48
520	4000	30	3.39	10	14	18	22	26	30	34	38	42	46
560	4000	30	3.32	8	12	16	20	24	28	33	37	41	45
360	4500	30	4.18	22	26	29	33	37	40	44	48	52	55
400	4500	30	4.09	19	23	27	30	34	38	42	46	49	53
440	4500	30	4.01	16	20	24	28	32	36	40	44	48	51
480	4500	30	3.92	14	18	22	26	30	34	38	42	46	50
520	4500	30	3.84	12	16	20	24	28	32	36	40	44	48
560	4500	30	3.76	10	14	18	22	26	30	34	39	43	47
360	5000	30	4.72	25	28	32	36	39	43	47	51	54	58
400	5000	30	4.61	21	25	29	33	37	41	44	48	52	56
440	5000	30	4.51	19	23	26	30	34	38	42	46	50	54
480	5000	30	4.42	16	20	24	28	32	36	40	44	48	52
520	5000	30	4.32	14	18	22	26	30	34	38	42	46	50
560	5000	30	4.24	12	16	20	24	28	32	37	41	45	49
360	3000	45	2.12	8	11	15	19	23	26	30	34	37	41
400	3000	45	2.08	5	9	13	17	21	24	28	32	36	40
440	3000	45	2.03	3	7	11	15	19	23	27	31	35	39
480	3000	45	2.00	2	5	9	13	17	21	25	29	33	37

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	3500	45	2.39	9	12	16	20	24	27	31	35	38	42
400	3500	45	2.34	6	10	14	18	22	26	29	33	37	41
440	3500	45	2.30	4	8	12	16	20	24	28	32	36	40
480	3500	45	2.25	2	6	10	14	18	22	26	30	34	38
520	3500	45	2.21	1	5	9	13	17	21	25	29	33	37
360	4000	45	2.68	10	14	17	21	25	28	32	36	40	43
400	4000	45	2.62	7	11	15	19	23	27	30	34	38	42
440	4000	45	2.57	5	9	13	17	21	25	29	33	37	41
480	4000	45	2.52	3	7	11	15	19	23	27	31	35	39
520	4000	45	2.47	2	6	10	14	18	22	26	30	34	38
560	4000	45	2.42	0	4	9	13	17	21	25	29	33	37
360	4500	45	2.98	11	15	18	22	26	30	33	37	41	44
400	4500	45	2.92	9	12	16	20	24	28	32	35	39	43
440	4500	45	2.86	6	10	14	18	22	26	30	34	38	42
480	4500	45	2.80	4	8	12	16	20	24	28	32	36	40
520	4500	45	2.74	3	7	11	15	19	23	27	31	35	39
560	4500	45	2.69	1	5	9	14	18	22	26	30	34	38
360	5000	45	3.30	12	16	20	23	27	31	35	38	42	46
400	5000	45	3.23	10	14	17	21	25	29	33	36	40	44
440	5000	45	3.16	8	11	15	19	23	27	31	35	39	43
480	5000	45	3.10	6	10	14	18	22	25	29	33	37	41
520	5000	45	3.03	4	8	12	16	20	24	28	32	36	40
560	5000	45	2.97	2	6	10	15	19	23	27	31	35	39

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	5500	45	3.64	14	17	21	25	28	32	36	40	43	47
400	5500	45	3.56	11	15	19	22	26	30	34	38	42	45
440	5500	45	3.48	9	13	16	20	24	28	32	36	40	44
480	5500	45	3.41	7	11	15	19	23	27	31	35	39	43
520	5500	45	3.33	5	9	13	17	21	25	29	33	37	41
560	5500	45	3.27	3	7	11	16	20	24	28	32	36	40
360	6000	45	3.99	15	19	22	26	30	33	37	41	45	48
400	6000	45	3.90	12	16	20	24	28	31	35	39	43	47
440	6000	45	3.81	10	14	18	22	26	29	33	37	41	45
480	6000	45	3.73	8	12	16	20	24	28	32	36	40	44
520	6000	45	3.65	6	10	14	18	22	26	30	34	38	42
560	6000	45	3.57	4	8	13	17	21	25	29	33	37	41
360	6500	45	4.36	16	20	24	27	31	35	39	42	46	50
400	6500	45	4.26	14	17	21	25	29	33	37	40	44	48
440	6500	45	4.16	11	15	19	23	27	31	35	39	43	46
480	6500	45	4.07	9	13	17	21	25	29	33	37	41	45
520	6500	45	3.98	7	11	15	19	23	27	32	36	40	44
560	6500	45	3.90	5	10	14	18	22	26	30	34	38	42
360	7000	45	4.75	18	22	25	29	33	36	40	44	48	51
400	7000	45	4.64	15	19	23	27	30	34	38	42	46	49
440	7000	45	4.53	13	16	20	24	28	32	36	40	44	48
480	7000	45	4.43	10	14	18	22	26	30	34	38	42	46
520	7000	45	4.33	8	12	17	21	25	29	33	37	41	45
560	7000	45	4.23	7	11	15	19	23	27	31	35	40	44

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	7500	45	5.15	19	23	27	31	34	38	42	45	49	53
400	7500	45	5.03	17	20	24	28	32	36	40	43	47	51
440	7500	45	4.91	14	18	22	26	30	34	37	41	45	49
480	7500	45	4.80	12	16	20	24	28	32	36	40	44	48
520	7500	45	4.69	10	14	18	22	26	30	34	38	42	46
560	7500	45	4.59	8	12	16	20	24	28	33	37	41	45
360	8000	45	5.57	21	25	29	32	36	40	43	47	51	55
400	8000	45	5.44	18	22	26	30	33	37	41	45	49	53
440	8000	45	5.31	16	19	23	27	31	35	39	43	47	51
480	8000	45	5.19	13	17	21	25	29	33	37	41	45	49
520	8000	45	5.07	11	15	19	23	27	31	35	40	44	48
560	8000	45	4.96	9	13	17	22	26	30	34	38	42	46
360	5000	60	2.75	4	8	11	15	19	23	26	30	34	37
400	5000	60	2.69	2	6	10	13	17	21	25	29	32	36
440	5000	60	2.63	0	4	8	12	16	20	24	27	31	35
480	5000	60	2.58	-2	2	6	10	14	18	22	26	30	34
360	5500	60	3.00	5	8	12	16	19	23	27	31	34	38
400	5500	60	2.93	3	6	10	14	18	22	25	29	33	37
440	5500	60	2.87	1	5	8	12	16	20	24	28	32	36
480	5500	60	2.81	-1	3	7	11	15	19	23	27	31	35
520	5500	60	2.75	-2	2	6	10	14	18	22	26	30	34

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	6000	60	3.26	5	9	13	16	20	24	28	31	35	39
400	6000	60	3.19	3	7	11	15	18	22	26	30	34	38
440	6000	60	3.12	1	5	9	13	17	21	25	29	33	36
480	6000	60	3.05	-0	4	8	12	16	20	24	28	32	36
520	6000	60	2.99	-2	2	6	10	14	18	23	27	31	35
560	6000	60	2.93	-3	1	5	9	13	17	22	26	30	34
360	6500	60	3.53	6	10	13	17	21	25	28	32	36	39
400	6500	60	3.45	4	8	11	15	19	23	27	31	34	38
440	6500	60	3.37	2	6	10	14	18	21	25	29	33	37
480	6500	60	3.30	0	4	8	12	16	20	24	28	32	36
520	6500	60	3.23	-1	3	7	11	15	19	23	27	31	35
560	6500	60	3.16	-3	2	6	10	14	18	22	26	30	34
360	7000	60	3.81	7	10	14	18	22	25	29	33	36	40
400	7000	60	3.72	5	8	12	16	20	24	27	31	35	39
440	7000	60	3.64	3	6	10	14	18	22	26	30	34	38
480	7000	60	3.56	1	5	9	13	17	21	25	29	33	37
520	7000	60	3.48	-1	3	7	12	16	20	24	28	32	36
560	7000	60	3.41	-2	2	6	10	14	19	23	27	31	35
360	7500	60	4.11	7	11	15	19	22	26	30	33	37	41
400	7500	60	4.01	5	9	13	17	21	24	28	32	36	40
440	7500	60	3.92	3	7	11	15	19	23	27	31	35	38
480	7500	60	3.83	2	6	10	14	17	21	25	29	33	37
520	7500	60	3.74	-0	4	8	12	16	20	24	28	32	37
560	7500	60	3.66	-1	3	7	11	15	19	23	27	32	36

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	8000	60	4.41	8	12	16	19	23	27	31	34	38	42
400	8000	60	4.31	6	10	14	17	21	25	29	33	37	40
440	8000	60	4.20	4	8	12	16	20	24	27	31	35	39
480	8000	60	4.11	2	6	10	14	18	22	26	30	34	38
520	8000	60	4.02	1	5	9	13	17	21	25	29	33	37
560	8000	60	3.93	-1	3	7	12	16	20	24	28	32	36
360	8500	60	4.73	9	13	17	20	24	28	31	35	39	43
400	8500	60	4.61	7	11	14	18	22	26	30	34	37	41
440	8500	60	4.50	5	9	13	17	20	24	28	32	36	40
480	8500	60	4.40	3	7	11	15	19	23	27	31	35	39
520	8500	60	4.30	1	5	9	14	18	22	26	30	34	38
560	8500	60	4.20	-0	4	8	12	16	20	25	29	33	37
360	9000	60	5.05	10	14	17	21	25	29	32	36	40	43
400	9000	60	4.93	8	11	15	19	23	27	31	34	38	42
440	9000	60	4.81	6	9	13	17	21	25	29	33	37	41
480	9000	60	4.70	4	8	12	16	20	24	28	32	36	40
520	9000	60	4.59	2	6	10	14	18	22	26	30	35	39
560	9000	60	4.49	1	5	9	13	17	21	25	29	34	38
360	9500	60	5.39	11	15	18	22	26	29	33	37	41	44
400	9500	60	5.26	9	12	16	20	24	28	31	35	39	43
440	9500	60	5.13	6	10	14	18	22	26	30	34	38	42
480	9500	60	5.01	5	8	12	16	20	24	28	32	36	40
520	9500	60	4.89	3	7	11	15	19	23	27	31	35	39
560	9500	60	4.78	1	5	10	14	18	22	26	30	34	38

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	10000	60	5.74	12	16	19	23	27	30	34	38	42	45
400	10000	60	5.60	9	13	17	21	25	29	32	36	40	44
440	10000	60	5.46	7	11	15	19	23	27	31	35	39	42
480	10000	60	5.33	5	9	13	17	21	25	29	33	37	41
520	10000	60	5.20	4	8	12	16	20	24	28	32	36	40
560	10000	60	5.08	2	6	10	14	19	23	27	31	35	39
360	10500	60	6.10	13	17	20	24	28	31	35	39	43	46
400	10500	60	5.95	10	14	18	22	26	30	33	37	41	45
440	10500	60	5.80	8	12	16	20	24	28	32	36	39	43
480	10500	60	5.66	6	10	14	18	22	26	30	34	38	42
520	10500	60	5.52	4	8	13	17	21	25	29	33	37	41
560	10500	60	5.39	3	7	11	15	19	23	28	32	36	40
360	11000	60	6.47	14	18	21	25	29	33	36	40	44	47
400	11000	60	6.31	11	15	19	23	27	30	34	38	42	46
440	11000	60	6.15	9	13	17	21	25	29	33	36	40	44
480	11000	60	6.00	7	11	15	19	23	27	31	35	39	43
520	11000	60	5.86	5	9	13	17	21	26	30	34	38	42
560	11000	60	5.72	4	8	12	16	20	24	28	32	37	41
360	11500	60	6.85	15	19	22	26	30	34	37	41	45	48
400	11500	60	6.68	12	16	20	24	28	32	35	39	43	47
440	11500	60	6.51	10	14	18	22	26	30	34	37	41	45
480	11500	60	6.35	8	12	16	20	24	28	32	36	40	44
520	11500	60	6.20	6	10	14	18	22	26	30	35	39	43
560	11500	60	6.05	4	9	13	17	21	25	29	33	37	42

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	12000	60	7.24	16	20	24	27	31	35	38	42	46	50
400	12000	60	7.06	13	17	21	25	29	33	36	40	44	48
440	12000	60	6.88	11	15	19	23	27	31	35	38	42	46
480	12000	60	6.71	9	13	17	21	25	29	33	37	41	45
520	12000	60	6.55	7	11	15	19	23	27	31	35	40	44
560	12000	60	6.39	5	9	14	18	22	26	30	34	38	42

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANG DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	750	10	1.99	3579	3617	3656	3696	3736	3500	3539	3578	3619	3660
400	750	10	1.96	3624	3659	3695	3732	3769	3546	3582	3618	3656	3694
440	750	10	1.93	3665	3698	3731	3765	3799	3588	3621	3655	3689	3725
480	750	10	1.90	3702	3732	3763	3795	3827	3625	3656	3688	3720	3752
520	750	10	1.87	3735	3764	3793	3822	3852	3659	3688	3718	3748	3778
560	750	10	1.84	3766	3793	3820	3847	3875	3690	3718	3745	3773	3802
360	1000	10	2.47	4701	4750	4800	4851	4903	4593	4643	4695	4747	4800
400	1000	10	2.43	4761	4806	4852	4900	4948	4654	4701	4748	4797	4846
440	1000	10	2.39	4815	4858	4901	4944	4989	4710	4754	4797	4842	4888
480	1000	10	2.36	4865	4904	4944	4985	5026	4761	4801	4842	4883	4926
520	1000	10	2.32	4910	4947	4984	5022	5060	4807	4844	4883	4921	4961
560	1000	10	2.29	4951	4986	5021	5056	5092	4849	4884	4920	4956	4993
360	1250	10	2.99	5790	5850	5910	5972	6036	5654	5715	5777	5840	5905
400	1250	10	2.94	5865	5921	5977	6034	6093	5731	5787	5845	5903	5963
440	1250	10	2.90	5934	5986	6038	6091	6145	5801	5854	5907	5961	6016
480	1250	10	2.85	5997	6045	6093	6143	6193	5865	5914	5964	6014	6065
520	1250	10	2.81	6054	6099	6144	6190	6237	5924	5969	6016	6063	6111
560	1250	10	2.77	6107	6149	6191	6234	6278	5977	6020	6064	6108	6153
360	1500	10	3.55	6844	6913	6984	7056	7129	6678	6748	6821	6894	6970
400	1500	10	3.50	6935	6999	7064	7131	7199	6771	6836	6903	6971	7041
440	1500	10	3.44	7018	7078	7139	7201	7263	6856	6917	6979	7043	7107
480	1500	10	3.39	7095	7150	7207	7264	7323	6934	6991	7049	7108	7168
520	1500	10	3.34	7165	7217	7270	7323	7378	7006	7059	7113	7168	7224
560	1500	10	3.29	7229	7278	7328	7378	7429	7072	7122	7173	7224	7276

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	1000	15	1.89	3415	3441	3466	3492	3519	3266	3292	3319	3346	3374
400	1000	15	1.86	3445	3468	3492	3516	3540	3296	3321	3345	3370	3396
440	1000	15	1.83	3472	3493	3515	3537	3559	3324	3347	3369	3392	3416
480	1000	15	1.80	3495	3515	3535	3556	3576	3349	3370	3391	3412	3434
520	1000	15	1.77	3517	3535	3554	3573	3592	3372	3391	3410	3430	3450
560	1000	15	1.75	3536	3554	3571	3589	3606	3392	3410	3428	3446	3465
360	1250	15	2.23	4237	4268	4299	4331	4364	4048	4081	4114	4147	4181
400	1250	15	2.19	4274	4302	4331	4361	4391	4087	4117	4147	4178	4209
440	1250	15	2.15	4308	4334	4361	4388	4415	4122	4150	4178	4206	4234
480	1250	15	2.12	4338	4362	4387	4412	4437	4154	4179	4205	4231	4258
520	1250	15	2.08	4365	4388	4411	4434	4457	4182	4206	4230	4254	4279
560	1250	15	2.05	4390	4411	4433	4454	4476	4208	4230	4253	4275	4298
360	1500	15	2.58	5047	5084	5121	5159	5198	4819	4858	4897	4936	4976
400	1500	15	2.54	5092	5126	5161	5195	5231	4866	4902	4938	4974	5011
440	1500	15	2.49	5133	5165	5196	5228	5261	4909	4942	4975	5008	5042
480	1500	15	2.45	5170	5199	5228	5258	5288	4948	4978	5008	5039	5071
520	1500	15	2.41	5203	5230	5257	5285	5313	4983	5011	5039	5068	5097
560	1500	15	2.37	5234	5259	5284	5310	5336	5014	5040	5067	5094	5121
360	1750	15	2.96	5846	5888	5931	5975	6019	5578	5622	5667	5712	5759
400	1750	15	2.91	5899	5938	5978	6017	6058	5634	5674	5716	5757	5800
440	1750	15	2.86	5948	5984	6020	6057	6094	5685	5722	5760	5798	5837
480	1750	15	2.81	5991	6025	6058	6092	6127	5730	5765	5800	5836	5871
520	1750	15	2.76	6031	6062	6093	6125	6157	5771	5804	5836	5869	5903
560	1750	15	2.71	6067	6096	6125	6155	6184	5809	5839	5870	5901	5932

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	1000	20	1.61	2687	2702	2717	2733	2748	2494	2510	2526	2543	2560
400	1000	20	1.58	2704	2718	2732	2746	2760	2512	2527	2542	2557	2573
440	1000	20	1.55	2719	2732	2745	2758	2771	2529	2542	2556	2570	2584
480	1000	20	1.53	2733	2745	2757	2769	2781	2543	2556	2569	2582	2595
520	1000	20	1.50	2745	2756	2767	2778	2789	2557	2568	2580	2592	2604
560	1000	20	1.48	2756	2766	2777	2787	2797	2569	2579	2590	2601	2613
360	1500	20	2.11	3992	4014	4037	4059	4083	3699	3723	3748	3772	3797
400	1500	20	2.07	4018	4038	4059	4080	4101	3727	3749	3772	3794	3817
440	1500	20	2.03	4042	4060	4079	4098	4118	3753	3773	3793	3814	3835
480	1500	20	2.00	4062	4080	4097	4115	4133	3775	3794	3813	3832	3851
520	1500	20	1.96	4081	4097	4114	4130	4146	3796	3813	3830	3848	3866
560	1500	20	1.93	4098	4113	4128	4144	4159	3814	3830	3846	3863	3879
360	2000	20	2.66	5278	5307	5337	5367	5397	4885	4916	4948	4980	5012
400	2000	20	2.61	5314	5340	5367	5395	5422	4923	4952	4981	5010	5040
440	2000	20	2.56	5346	5370	5395	5420	5446	4958	4984	5011	5038	5065
480	2000	20	2.52	5375	5397	5420	5443	5467	4989	5013	5038	5063	5088
520	2000	20	2.47	5401	5422	5443	5464	5486	5017	5039	5062	5085	5108
560	2000	20	2.43	5424	5444	5463	5483	5503	5042	5063	5084	5106	5127
360	1500	30	1.66	2848	2859	2869	2880	2890	2422	2434	2446	2458	2471
400	1500	30	1.63	2860	2869	2879	2888	2898	2435	2446	2457	2468	2480
440	1500	30	1.60	2870	2878	2887	2896	2905	2447	2457	2467	2477	2488
480	1500	30	1.57	2879	2887	2895	2903	2911	2457	2466	2476	2485	2495

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	2000	30	2.00	3783	3796	3810	3824	3838	3211	3227	3243	3260	3276
400	2000	30	1.97	3798	3811	3823	3836	3849	3229	3243	3258	3273	3288
440	2000	30	1.93	3812	3823	3835	3846	3858	3245	3258	3272	3285	3299
480	2000	30	1.89	3824	3834	3845	3856	3866	3259	3271	3284	3296	3309
520	2000	30	1.86	3835	3844	3854	3864	3874	3272	3283	3295	3306	3318
560	2000	30	1.83	3844	3853	3863	3872	3881	3283	3294	3304	3315	3326
360	2500	30	2.38	4712	4729	4746	4763	4780	3994	4014	4034	4054	4075
400	2500	30	2.33	4731	4746	4762	4778	4794	4016	4035	4053	4072	4090
440	2500	30	2.29	4748	4763	4777	4791	4806	4037	4054	4071	4087	4104
480	2500	30	2.25	4764	4777	4790	4803	4817	4055	4071	4086	4101	4117
520	2500	30	2.20	4778	4790	4802	4814	4827	4072	4086	4100	4114	4129
560	2500	30	2.16	4790	4802	4813	4824	4836	4086	4099	4113	4126	4139
360	3000	30	2.78	5634	5654	5675	5695	5716	4769	4793	4817	4841	4866
400	3000	30	2.73	5658	5676	5695	5714	5733	4797	4819	4841	4863	4885
440	3000	30	2.67	5679	5696	5713	5730	5748	4822	4842	4862	4882	4903
480	3000	30	2.62	5698	5714	5730	5745	5761	4845	4863	4881	4900	4919
520	3000	30	2.57	5716	5730	5744	5759	5774	4865	4882	4899	4916	4933
560	3000	30	2.53	5731	5744	5758	5771	5785	4883	4899	4915	4930	4946
360	3500	30	3.22	6550	6573	6597	6620	6644	5536	5564	5592	5620	5648
400	3500	30	3.15	6578	6599	6621	6643	6665	5570	5595	5620	5646	5672
440	3500	30	3.09	6604	6623	6643	6663	6683	5600	5623	5646	5670	5693
480	3500	30	3.03	6627	6645	6663	6681	6699	5627	5648	5670	5691	5712
520	3500	30	2.97	6647	6664	6681	6698	6715	5651	5671	5691	5710	5730
560	3500	30	2.91	6666	6682	6697	6713	6728	5673	5691	5710	5728	5746

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS -20	-10	0	10	20
360	4000	30	3.68	7457	7484	7511	7537	7565	6294	6325	6357	6388	6420
400	4000	30	3.61	7491	7515	7539	7564	7589	6333	6362	6391	6420	6449
440	4000	30	3.53	7521	7543	7565	7588	7610	6369	6395	6421	6448	6474
480	4000	30	3.46	7548	7568	7589	7610	7630	6401	6425	6449	6473	6498
520	4000	30	3.39	7572	7591	7610	7629	7649	6430	6452	6474	6497	6519
560	4000	30	3.32	7594	7612	7630	7647	7665	6456	6476	6497	6518	6539
360	4500	30	4.18	8356	8386	8415	8445	8475	7041	7076	7111	7146	7182
400	4500	30	4.09	8395	8422	8449	8476	8504	7087	7119	7151	7183	7216
440	4500	30	4.01	8430	8454	8479	8504	8530	7128	7157	7187	7216	7246
480	4500	30	3.92	8461	8484	8507	8530	8553	7165	7192	7219	7246	7274
520	4500	30	3.84	8490	8511	8532	8553	8575	7199	7224	7249	7274	7299
560	4500	30	3.76	8516	8535	8555	8575	8595	7229	7253	7276	7299	7322
360	5000	30	4.72	9245	9277	9310	9343	9376	7776	7815	7853	7892	7932
400	5000	30	4.61	9289	9319	9349	9379	9409	7829	7864	7899	7935	7971
440	5000	30	4.51	9329	9357	9384	9411	9439	7876	7908	7941	7973	8006
480	5000	30	4.42	9366	9391	9416	9441	9467	7919	7949	7979	8009	8039
520	5000	30	4.32	9398	9422	9445	9469	9492	7958	7986	8013	8041	8069
560	5000	30	4.24	9429	9450	9472	9494	9516	7994	8019	8045	8070	8096
360	3000	45	2.12	4121	4130	4139	4148	4156	2826	2838	2851	2864	2877
400	3000	45	2.08	4130	4138	4146	4154	4162	2838	2850	2862	2873	2885
440	3000	45	2.03	4138	4145	4152	4160	4167	2850	2860	2871	2882	2892
480	3000	45	2.00	4145	4151	4158	4165	4172	2860	2870	2879	2889	2899

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT					HORIZONTAL RANGE - FT				
						CAGED SIGHT LINE ANGLE OF ATTACK - MILS							
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	3500	45	2.39	4802	4812	4823	4833	4843	3288	3303	3318	3333	3348
400	3500	45	2.34	4813	4822	4831	4841	4850	3303	3317	3330	3344	3357
440	3500	45	2.30	4822	4830	4839	4847	4856	3317	3329	3341	3354	3366
480	3500	45	2.25	4830	4838	4846	4854	4861	3329	3340	3351	3363	3374
520	3500	45	2.21	4837	4845	4852	4859	4866	3339	3350	3360	3370	3381
360	4000	45	2.68	5482	5493	5505	5517	5528	3748	3765	3782	3799	3816
400	4000	45	2.62	5494	5504	5515	5526	5536	3766	3781	3797	3812	3828
440	4000	45	2.57	5505	5514	5524	5534	5543	3782	3796	3810	3824	3838
480	4000	45	2.52	5514	5523	5532	5541	5550	3795	3808	3821	3834	3847
520	4000	45	2.47	5523	5531	5539	5547	5556	3808	3820	3832	3843	3855
560	4000	45	2.42	5530	5538	5546	5553	5561	3819	3830	3841	3852	3863
360	4500	45	2.98	6160	6172	6186	6199	6212	4206	4225	4244	4263	4282
400	4500	45	2.92	6173	6185	6197	6209	6221	4226	4243	4261	4278	4295
440	4500	45	2.86	6186	6196	6207	6218	6229	4244	4260	4276	4291	4307
480	4500	45	2.80	6197	6207	6217	6227	6237	4260	4275	4289	4303	4318
520	4500	45	2.74	6207	6216	6225	6234	6243	4274	4288	4301	4314	4328
560	4500	45	2.69	6215	6224	6232	6241	6249	4287	4300	4312	4324	4337
360	5000	45	3.30	6835	6850	6864	6879	6893	4661	4682	4703	4724	4745
400	5000	45	3.23	6851	6864	6877	6891	6904	4684	4703	4722	4741	4761
440	5000	45	3.16	6865	6877	6889	6901	6913	4704	4722	4739	4757	4774
480	5000	45	3.10	6878	6889	6900	6911	6922	4722	4738	4754	4770	4787
520	5000	45	3.03	6889	6899	6909	6919	6930	4739	4753	4768	4783	4798
560	5000	45	2.97	6899	6908	6918	6927	6937	4753	4767	4781	4794	4808

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	5500	45	3.64	7509	7525	7541	7557	7573	5113	5136	5159	5182	5206
400	5500	45	3.56	7527	7541	7556	7570	7585	5138	5159	5180	5202	5223
440	5500	45	3.48	7543	7556	7569	7582	7595	5162	5181	5200	5219	5238
480	5500	45	3.41	7557	7569	7581	7593	7605	5182	5200	5217	5235	5252
520	5500	45	3.33	7569	7580	7592	7603	7614	5200	5217	5233	5249	5265
560	5500	45	3.27	7581	7591	7601	7612	7622	5217	5232	5247	5262	5277
360	6000	45	3.99	8181	8198	8215	8233	8250	5562	5587	5612	5637	5663
400	6000	45	3.90	8201	8216	8232	8248	8263	5590	5613	5636	5659	5682
440	6000	45	3.81	8218	8233	8247	8261	8276	5616	5637	5658	5679	5700
480	6000	45	3.73	8234	8247	8260	8273	8287	5639	5658	5677	5696	5716
520	6000	45	3.65	8248	8260	8272	8284	8297	5660	5677	5695	5712	5730
560	6000	45	3.57	8261	8272	8283	8295	8306	5678	5694	5711	5727	5743
360	6500	45	4.36	8851	8869	8887	8906	8925	6007	6034	6061	6088	6116
400	6500	45	4.26	8872	8889	8906	8923	8940	6039	6063	6088	6113	6138
440	6500	45	4.16	8892	8907	8922	8938	8954	6067	6090	6112	6135	6158
480	6500	45	4.07	8909	8923	8937	8952	8966	6093	6113	6134	6155	6176
520	6500	45	3.98	8925	8938	8951	8964	8977	6116	6135	6154	6173	6192
560	6500	45	3.90	8939	8951	8963	8976	8988	6137	6154	6172	6189	6207
360	7000	45	4.75	9517	9537	9557	9577	9597	6448	6477	6507	6536	6565
400	7000	45	4.64	9541	9559	9577	9596	9614	6483	6510	6536	6563	6590
440	7000	45	4.53	9563	9579	9596	9612	9629	6515	6539	6564	6588	6612
480	7000	45	4.43	9582	9597	9612	9628	9643	6544	6566	6588	6610	6632
520	7000	45	4.33	9600	9614	9628	9642	9656	6569	6589	6610	6630	6651
560	7000	45	4.23	9615	9628	9641	9654	9668	6592	6611	6630	6649	6668

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	7500	45	5.15	10182	10203	10224	10245	10267	6886	6917	6948	6979	7011
400	7500	45	5.03	10208	10227	10246	10266	10285	6924	6953	6981	7010	7038
440	7500	45	4.91	10231	10249	10267	10284	10302	6959	6985	7011	7037	7063
480	7500	45	4.80	10253	10269	10285	10301	10318	6991	7014	7038	7062	7086
520	7500	45	4.69	10272	10287	10302	10317	10332	7019	7041	7062	7084	7106
560	7500	45	4.59	10289	10303	10317	10331	10345	7044	7065	7085	7105	7125
360	8000	45	5.57	10843	10865	10888	10910	10933	7319	7352	7385	7418	7452
400	8000	45	5.44	10871	10892	10912	10933	10954	7361	7391	7422	7452	7482
440	8000	45	5.31	10897	10916	10935	10954	10973	7400	7427	7455	7482	7510
480	8000	45	5.19	10921	10938	10955	10972	10990	7434	7459	7484	7510	7535
520	8000	45	5.07	10942	10958	10974	10990	11006	7465	7488	7511	7535	7558
560	8000	45	4.96	10961	10976	10991	11005	11020	7493	7515	7536	7558	7579
360	5000	60	2.75	5689	5696	5703	5710	5717	2713	2727	2742	2757	2771
400	5000	60	2.69	5695	5701	5707	5714	5720	2726	2739	2752	2765	2779
440	5000	60	2.63	5700	5706	5712	5718	5723	2737	2749	2761	2773	2785
480	5000	60	2.58	5705	5710	5716	5721	5726	2747	2758	2769	2780	2791
360	5500	60	3.00	6255	6263	6270	6278	6286	2979	2995	3011	3027	3043
400	5500	60	2.93	6262	6269	6276	6283	6290	2993	3008	3022	3037	3051
440	5500	60	2.87	6268	6274	6281	6287	6293	3006	3019	3032	3046	3059
480	5500	60	2.81	6273	6279	6285	6291	6297	3017	3029	3041	3053	3066
520	5500	60	2.75	6278	6283	6289	6294	6300	3027	3038	3049	3060	3072

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	6000	60	3.26	6821	6829	6837	6846	6854	3244	3261	3279	3296	3314
400	6000	60	3.19	6828	6836	6843	6851	6859	3260	3276	3291	3307	3323
440	6000	60	3.12	6835	6842	6849	6856	6863	3274	3288	3303	3317	3332
480	6000	60	3.05	6841	6847	6854	6860	6867	3286	3299	3313	3326	3339
520	6000	60	2.99	6846	6852	6858	6864	6870	3297	3309	3322	3334	3346
560	6000	60	2.93	6851	6857	6862	6867	6873	3307	3318	3330	3341	3352
360	6500	60	3.53	7386	7395	7404	7413	7422	3508	3527	3545	3564	3583
400	6500	60	3.45	7394	7403	7411	7419	7427	3525	3542	3559	3577	3594
440	6500	60	3.37	7402	7409	7417	7424	7432	3541	3556	3572	3587	3603
480	6500	60	3.30	7408	7415	7422	7429	7436	3554	3569	3583	3597	3611
520	6500	60	3.23	7414	7421	7427	7433	7440	3567	3580	3593	3606	3619
560	6500	60	3.16	7419	7425	7431	7437	7443	3577	3590	3602	3614	3626
360	7000	60	3.81	7951	7960	7970	7980	7990	3770	3791	3811	3831	3852
400	7000	60	3.72	7960	7969	7977	7986	7995	3789	3808	3826	3845	3863
440	7000	60	3.64	7968	7976	7984	7992	8000	3806	3823	3840	3857	3874
480	7000	60	3.56	7975	7983	7990	7997	8005	3821	3837	3852	3867	3883
520	7000	60	3.48	7982	7988	7995	8002	8009	3835	3849	3863	3877	3891
560	7000	60	3.41	7987	7994	8000	8006	8013	3847	3860	3873	3886	3899
360	7500	60	4.11	8515	8525	8536	8546	8557	4032	4053	4075	4097	4119
400	7500	60	4.01	8525	8534	8544	8553	8563	4052	4072	4092	4112	4131
440	7500	60	3.92	8534	8542	8551	8559	8568	4071	4089	4107	4125	4143
480	7500	60	3.83	8541	8549	8557	8565	8573	4087	4104	4120	4137	4153
520	7500	60	3.74	8548	8556	8563	8570	8578	4102	4117	4132	4147	4162
560	7500	60	3.66	8555	8561	8568	8575	8582	4115	4129	4143	4157	4171

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	8000	60	4.41	9078	9089	9100	9111	9123	4291	4315	4338	4361	4384
400	8000	60	4.31	9089	9099	9109	9119	9129	4314	4335	4356	4377	4398
440	8000	60	4.20	9099	9108	9117	9126	9135	4334	4353	4372	4392	4411
480	8000	60	4.11	9107	9116	9124	9132	9141	4352	4370	4387	4405	4422
520	8000	60	4.02	9115	9123	9130	9138	9146	4368	4384	4400	4416	4432
560	8000	60	3.93	9122	9129	9136	9143	9150	4382	4397	4412	4427	4442
360	8500	60	4.73	9641	9653	9664	9676	9688	4550	4574	4599	4624	4648
400	8500	60	4.61	9653	9663	9674	9685	9695	4574	4597	4619	4641	4664
440	8500	60	4.50	9663	9673	9682	9692	9702	4596	4616	4637	4657	4678
480	8500	60	4.40	9672	9681	9690	9699	9708	4616	4634	4653	4671	4690
520	8500	60	4.30	9681	9689	9697	9705	9714	4633	4650	4667	4684	4701
560	8500	60	4.20	9688	9696	9703	9711	9719	4648	4664	4680	4696	4712
360	9000	60	5.05	10203	10215	10228	10240	10253	4807	4833	4859	4885	4911
400	9000	60	4.93	10216	10227	10238	10249	10261	4833	4857	4880	4904	4928
440	9000	60	4.81	10227	10237	10247	10258	10268	4857	4878	4900	4921	4943
480	9000	60	4.70	10237	10246	10256	10265	10275	4878	4897	4917	4937	4956
520	9000	60	4.59	10246	10254	10263	10272	10281	4896	4914	4933	4951	4969
560	9000	60	4.49	10254	10262	10270	10278	10286	4913	4930	4947	4963	4980
360	9500	60	5.39	10764	10777	10790	10803	10817	5062	5089	5117	5144	5172
400	9500	60	5.26	10778	10790	10801	10813	10825	5090	5115	5140	5165	5190
440	9500	60	5.13	10790	10801	10811	10822	10833	5116	5138	5161	5184	5207
480	9500	60	5.01	10801	10810	10820	10830	10840	5138	5159	5180	5201	5221
520	9500	60	4.89	10810	10819	10829	10838	10847	5159	5178	5197	5216	5235
560	9500	60	4.78	10819	10827	10836	10844	10853	5177	5195	5212	5230	5248

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	10000	60	5.74	11325	11338	11352	11366	11380	5315	5344	5373	5402	5431
400	10000	60	5.60	11339	11352	11364	11377	11389	5346	5372	5398	5424	5451
440	10000	60	5.46	11352	11363	11375	11386	11398	5373	5397	5421	5445	5469
480	10000	60	5.33	11364	11374	11385	11395	11406	5398	5419	5441	5463	5485
520	10000	60	5.20	11374	11384	11393	11403	11413	5420	5440	5460	5480	5500
560	10000	60	5.08	11384	11392	11401	11410	11419	5439	5458	5476	5495	5513
360	10500	60	6.10	11885	11899	11913	11927	11942	5567	5597	5628	5658	5688
400	10500	60	5.95	11900	11913	11926	11939	11952	5600	5627	5655	5682	5710
440	10500	60	5.80	11914	11926	11937	11949	11961	5629	5654	5679	5704	5729
480	10500	60	5.66	11926	11937	11948	11959	11970	5655	5678	5701	5724	5747
520	10500	60	5.52	11937	11947	11957	11968	11978	5679	5700	5721	5742	5763
560	10500	60	5.39	11947	11957	11966	11975	11985	5700	5720	5739	5759	5778
360	11000	60	6.47	12443	12458	12473	12488	12503	5817	5849	5880	5912	5944
400	11000	60	6.31	12460	12473	12487	12500	12514	5852	5881	5909	5938	5967
440	11000	60	6.15	12475	12487	12499	12512	12524	5883	5910	5936	5962	5988
480	11000	60	6.00	12488	12499	12511	12522	12534	5912	5935	5959	5983	6007
520	11000	60	5.86	12500	12510	12521	12531	12542	5937	5959	5981	6003	6025
560	11000	60	5.72	12511	12520	12530	12540	12550	5960	5980	6000	6021	6041
360	11500	60	6.85	13001	13017	13032	13048	13064	6065	6098	6131	6164	6197
400	11500	60	6.68	13019	13033	13047	13061	13076	6102	6132	6162	6192	6222
440	11500	60	6.51	13035	13047	13060	13073	13086	6136	6163	6191	6218	6245
480	11500	60	6.35	13049	13061	13072	13084	13096	6166	6191	6216	6241	6266
520	11500	60	6.20	13062	13072	13083	13094	13105	6193	6216	6239	6262	6285
560	11500	60	6.05	13073	13083	13093	13104	13114	6218	6239	6260	6281	6303

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT					HORIZONTAL RANGE - FT				
						CAGED	SIGHT LINE		ANGLE OF ATTACK - MILS -				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	12000	60	7.24	13558	13574	13590	13607	13623	6311	6345	6380	6414	6449
400	12000	60	7.06	13577	13591	13606	13621	13636	6351	6382	6413	6444	6476
440	12000	60	6.88	13594	13607	13621	13634	13648	6387	6415	6443	6472	6501
480	12000	60	6.71	13609	13621	13633	13646	13658	6419	6445	6471	6497	6523
520	12000	60	6.55	13623	13634	13645	13657	13668	6448	6472	6496	6520	6544
560	12000	60	6.39	13635	13645	13656	13667	13677	6474	6496	6518	6540	6563

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	750	10	1.99	34	67	101	134	168	2	4	5	7	9
400	750	10	1.96	33	66	99	132	165	2	3	5	7	9
440	750	10	1.93	33	65	98	130	163	2	3	5	7	8
480	750	10	1.90	32	64	96	128	160	2	3	5	6	8
520	750	10	1.87	32	63	95	126	158	2	3	5	6	8
560	750	10	1.84	31	62	93	124	155	2	3	5	6	8
360	1000	10	2.47	42	83	125	167	208	2	3	5	7	8
400	1000	10	2.43	41	82	123	164	205	2	3	5	7	8
440	1000	10	2.39	40	81	121	162	202	2	3	5	6	8
480	1000	10	2.36	40	80	119	159	199	2	3	5	6	8
520	1000	10	2.32	39	78	118	157	196	2	3	5	6	8
560	1000	10	2.29	39	77	116	154	193	1	3	4	6	7
360	1250	10	2.99	50	101	151	202	252	2	3	5	7	8
400	1250	10	2.94	50	99	149	199	248	2	3	5	7	8
440	1250	10	2.90	49	98	147	196	245	2	3	5	6	8
480	1250	10	2.85	48	96	145	193	241	2	3	5	6	8
520	1250	10	2.81	47	95	142	190	237	1	3	4	6	7
560	1250	10	2.77	47	93	140	187	234	1	3	4	6	7
360	1500	10	3.55	60	120	180	240	300	2	3	5	7	9
400	1500	10	3.50	59	118	177	236	295	2	3	5	7	8
440	1500	10	3.44	58	116	174	233	291	2	3	5	6	8
480	1500	10	3.39	57	115	172	229	286	2	3	5	6	8
520	1500	10	3.34	56	113	169	226	282	2	3	5	6	8
560	1500	10	3.29	56	111	167	222	278	1	3	4	6	7

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	WIND EFFECT-FT 10	20	30	40	50	SIGHTING CORRECTION-MILS WIND VELOCITY-KTS 10	20	30	40	50
360	1000	15	1.89	32	64	96	128	160	3	5	8	10	13
400	1000	15	1.86	31	63	94	126	157	2	5	7	10	12
440	1000	15	1.83	31	62	93	124	155	2	5	7	10	12
480	1000	15	1.80	30	61	91	122	152	2	5	7	9	12
520	1000	15	1.77	30	60	90	120	150	2	5	7	9	11
560	1000	15	1.75	30	59	89	118	148	2	4	7	9	11
360	1250	15	2.23	38	75	113	150	188	2	5	7	10	12
400	1250	15	2.19	37	74	111	148	185	2	5	7	9	12
440	1250	15	2.15	36	73	109	145	182	2	5	7	9	11
480	1250	15	2.12	36	72	107	143	179	2	4	7	9	11
520	1250	15	2.08	35	70	105	141	176	2	4	7	9	11
560	1250	15	2.05	35	69	104	138	173	2	4	6	9	11
360	1500	15	2.58	44	87	131	174	218	2	5	7	10	12
400	1500	15	2.54	43	86	129	171	214	2	5	7	9	12
440	1500	15	2.49	42	84	126	169	211	2	5	7	9	11
480	1500	15	2.45	41	83	124	166	207	2	4	7	9	11
520	1500	15	2.41	41	81	122	163	204	2	4	6	9	11
560	1500	15	2.37	40	80	120	160	200	2	4	6	8	10
360	1750	15	2.96	50	100	150	200	250	2	5	7	9	12
400	1750	15	2.91	49	98	147	196	246	2	5	7	9	12
440	1750	15	2.86	48	97	145	193	241	2	4	7	9	11
480	1750	15	2.81	47	95	142	190	237	2	4	7	9	11
520	1750	15	2.76	47	93	140	186	233	2	4	6	9	11
560	1750	15	2.71	46	92	137	183	229	2	4	6	8	10

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	WIND EFFECT-FT 10	20	30	40	50	SIGHTING CORRECTION-MILS WIND VELOCITY-KTS 10	20	30	40	50
360	1000	20	1.61	27	54	82	109	136	4	7	11	14	18
400	1000	20	1.58	27	53	80	107	133	3	7	10	14	17
440	1000	20	1.55	26	52	79	105	131	3	7	10	13	17
480	1000	20	1.53	26	52	78	103	129	3	7	10	13	17
520	1000	20	1.50	25	51	76	101	127	3	6	10	13	16
560	1000	20	1.48	25	50	75	100	125	3	6	10	13	16
360	1500	20	2.11	36	71	107	142	178	3	6	9	13	16
400	1500	20	2.07	35	70	105	140	175	3	6	9	12	15
440	1500	20	2.03	34	69	103	137	172	3	6	9	12	15
480	1500	20	2.00	34	67	101	135	169	3	6	9	12	15
520	1500	20	1.96	33	66	99	133	166	3	6	9	11	14
560	1500	20	1.93	33	65	98	130	163	3	6	8	11	14
360	2000	20	2.66	45	90	135	180	225	3	6	9	12	15
400	2000	20	2.61	44	88	132	176	220	3	6	9	12	15
440	2000	20	2.56	43	87	130	173	216	3	6	9	12	14
480	2000	20	2.52	43	85	128	170	213	3	6	8	11	14
520	2000	20	2.47	42	83	125	167	209	3	6	8	11	14
560	2000	20	2.43	41	82	123	164	205	3	5	8	11	13
360	1500	30	1.66	28	56	84	112	140	5	10	15	20	25
400	1500	30	1.63	28	55	83	110	138	5	10	15	20	24
440	1500	30	1.60	27	54	81	108	135	5	10	14	19	24
480	1500	30	1.57	27	53	80	106	133	5	9	14	19	23

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	2000	30	2.00	34	68	102	135	169	5	9	14	18	23
400	2000	30	1.97	33	66	100	133	166	4	9	13	18	22
440	2000	30	1.93	33	65	98	130	163	4	9	13	17	22
480	2000	30	1.89	32	64	96	128	160	4	9	13	17	21
520	2000	30	1.86	31	63	94	126	157	4	8	12	17	21
560	2000	30	1.83	31	62	93	123	154	4	8	12	16	20
360	2500	30	2.38	40	80	121	161	201	4	9	13	17	22
400	2500	30	2.33	39	79	118	158	197	4	9	13	17	21
440	2500	30	2.29	39	77	116	155	193	4	8	12	17	21
480	2500	30	2.25	38	76	114	152	190	4	8	12	16	20
520	2500	30	2.20	37	74	112	149	186	4	8	12	16	20
560	2500	30	2.16	37	73	110	146	183	4	8	12	16	19
360	3000	30	2.78	47	94	141	188	235	4	9	13	17	21
400	3000	30	2.73	46	92	138	184	230	4	8	13	17	21
440	3000	30	2.67	45	90	136	181	226	4	8	12	16	20
480	3000	30	2.62	44	89	133	177	222	4	8	12	16	20
520	3000	30	2.57	43	87	130	174	217	4	8	12	16	19
560	3000	30	2.53	43	85	128	171	213	4	8	11	15	19
360	3500	30	3.22	54	109	163	217	272	4	9	13	17	21
400	3500	30	3.15	53	106	160	213	266	4	8	12	17	21
440	3500	30	3.09	52	104	156	209	261	4	8	12	16	20
480	3500	30	3.03	51	102	153	204	256	4	8	12	16	20
520	3500	30	2.97	50	100	150	200	251	4	8	12	15	19
560	3500	30	2.91	49	98	147	197	246	4	8	11	15	19

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	4000	30	3.68	62	124	187	249	311	4	9	13	17	22
400	4000	30	3.61	61	122	183	244	305	4	8	13	17	21
440	4000	30	3.53	60	119	179	239	298	4	8	12	16	20
480	4000	30	3.46	58	117	175	234	292	4	8	12	16	20
520	4000	30	3.39	57	115	172	229	286	4	8	12	16	19
560	4000	30	3.32	56	112	168	224	281	4	8	11	15	19
360	4500	30	4.18	71	141	212	283	353	4	9	13	18	22
400	4500	30	4.09	69	138	207	277	346	4	9	13	17	21
440	4500	30	4.01	68	135	203	271	338	4	8	12	17	21
480	4500	30	3.92	66	132	199	265	331	4	8	12	16	20
520	4500	30	3.84	65	130	195	260	324	4	8	12	16	20
560	4500	30	3.76	64	127	191	254	318	4	8	12	15	19
360	5000	30	4.72	80	159	239	319	398	4	9	13	18	22
400	5000	30	4.61	78	156	234	312	390	4	9	13	17	22
440	5000	30	4.51	76	152	229	305	381	4	9	13	17	21
480	5000	30	4.42	75	149	224	298	373	4	8	12	17	21
520	5000	30	4.32	73	146	219	292	365	4	8	12	16	20
560	5000	30	4.24	72	143	215	286	358	4	8	12	16	20
360	3000	45	2.12	36	72	107	143	179	6	12	19	25	31
400	3000	45	2.08	35	70	105	140	175	6	12	18	24	30
440	3000	45	2.03	34	69	103	137	172	6	12	18	24	30
480	3000	45	2.00	34	67	101	135	169	6	12	17	23	29

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
								WIND	VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	3500	45	2.39	40	81	121	162	202	6	12	18	24	30
400	3500	45	2.34	40	79	119	158	198	6	12	18	23	29
440	3500	45	2.30	39	78	116	155	194	6	11	17	23	29
480	3500	45	2.25	38	76	114	152	190	6	11	17	22	28
520	3500	45	2.21	37	75	112	149	186	5	11	16	22	27
360	4000	45	2.68	45	91	136	181	226	6	12	18	24	29
400	4000	45	2.62	44	89	133	177	222	6	12	17	23	29
440	4000	45	2.57	43	87	130	174	217	6	11	17	23	28
480	4000	45	2.52	43	85	128	170	213	6	11	17	22	28
520	4000	45	2.47	42	83	125	167	209	5	11	16	22	27
560	4000	45	2.42	41	82	123	164	205	5	11	16	21	26
360	4500	45	2.98	50	101	151	202	252	6	12	18	23	29
400	4500	45	2.92	49	99	148	197	247	6	11	17	23	29
440	4500	45	2.86	48	97	145	193	241	6	11	17	22	28
480	4500	45	2.80	47	95	142	189	237	5	11	16	22	27
520	4500	45	2.74	46	93	139	185	232	5	11	16	21	27
560	4500	45	2.69	45	91	136	182	227	5	10	16	21	26
360	5000	45	3.30	56	112	167	223	279	6	12	18	23	29
400	5000	45	3.23	55	109	164	218	273	6	11	17	23	29
440	5000	45	3.16	53	107	160	214	267	6	11	17	22	28
480	5000	45	3.10	52	105	157	209	261	5	11	16	22	27
520	5000	45	3.03	51	102	154	205	256	5	11	16	21	27
560	5000	45	2.97	50	100	151	201	251	5	10	16	21	26

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	5500	45	3.64	61	123	184	246	307	6	12	18	23	29
400	5500	45	3.56	60	120	180	240	300	6	11	17	23	29
440	5500	45	3.48	59	118	176	235	294	6	11	17	22	28
480	5500	45	3.41	58	115	173	230	288	5	11	16	22	27
520	5500	45	3.33	56	113	169	225	282	5	11	16	21	27
560	5500	45	3.27	55	110	165	221	276	5	10	16	21	26
360	6000	45	3.99	67	135	202	270	337	6	12	18	24	30
400	6000	45	3.90	66	132	198	264	329	6	12	17	23	29
440	6000	45	3.81	64	129	193	258	322	6	11	17	22	28
480	6000	45	3.73	63	126	189	252	315	5	11	16	22	27
520	6000	45	3.65	62	123	185	247	308	5	11	16	21	27
560	6000	45	3.57	60	121	181	241	302	5	10	16	21	26
360	6500	45	4.36	74	147	221	295	368	6	12	18	24	30
400	6500	45	4.26	72	144	216	288	360	6	12	17	23	29
440	6500	45	4.16	70	141	211	281	352	6	11	17	23	28
480	6500	45	4.07	69	138	206	275	344	6	11	17	22	28
520	6500	45	3.98	67	135	202	269	336	5	11	16	22	27
560	6500	45	3.90	66	132	197	263	329	5	11	16	21	26
360	7000	45	4.75	80	160	241	321	401	6	12	18	24	30
400	7000	45	4.64	78	157	235	313	392	6	12	18	24	30
440	7000	45	4.53	77	153	230	306	383	6	12	17	23	29
480	7000	45	4.43	75	150	224	299	374	6	11	17	22	28
520	7000	45	4.33	73	146	219	292	366	5	11	16	22	27
560	7000	45	4.23	72	143	215	286	358	5	11	16	21	27

RANGEWIND ~~SIGHTING~~ CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	7500	45	5.15	87	174	261	348	435	6	12	18	25	31
400	7500	45	5.03	85	170	255	340	425	6	12	18	24	30
440	7500	45	4.91	83	166	249	332	415	6	12	18	23	29
480	7500	45	4.80	81	162	243	324	405	6	11	17	23	28
520	7500	45	4.69	79	158	238	317	396	6	11	17	22	28
560	7500	45	4.59	77	155	232	310	387	5	11	16	22	27
360	8000	45	5.57	94	188	282	377	471	6	13	19	25	31
400	8000	45	5.44	92	184	276	368	460	6	12	18	24	31
440	8000	45	5.31	90	179	269	359	449	6	12	18	24	30
480	8000	45	5.19	88	175	263	351	438	6	12	17	23	29
520	8000	45	5.07	86	171	257	343	428	6	11	17	23	28
560	8000	45	4.96	84	167	251	335	419	5	11	16	22	27
360	5000	60	2.75	46	93	139	186	232	7	14	21	28	35
400	5000	60	2.69	45	91	136	182	227	7	14	21	28	35
440	5000	60	2.63	44	89	133	178	222	7	14	20	27	34
480	5000	60	2.58	44	87	131	174	218	7	13	20	26	33
360	5500	60	3.00	51	101	152	203	253	7	14	21	28	35
400	5500	60	2.93	50	99	149	198	248	7	14	21	27	34
440	5500	60	2.87	48	97	145	194	242	7	13	20	27	34
480	5500	60	2.81	47	95	142	190	237	7	13	20	26	33
520	5500	60	2.75	46	93	139	186	232	6	13	19	26	32

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	6000	60	3.26	55	110	165	220	275	7	14	21	28	35
400	6000	60	3.19	54	108	161	215	269	7	14	21	27	34
440	6000	60	3.12	53	105	158	211	263	7	13	20	27	33
480	6000	60	3.05	52	103	155	206	258	7	13	20	26	33
520	6000	60	2.99	50	101	151	202	252	6	13	19	26	32
560	6000	60	2.93	49	99	148	198	247	6	13	19	25	31
360	6500	60	3.53	60	119	179	239	298	7	14	21	28	35
400	6500	60	3.45	58	117	175	233	291	7	14	21	27	34
440	6500	60	3.37	57	114	171	228	285	7	13	20	27	33
480	6500	60	3.30	56	111	167	223	279	7	13	20	26	33
520	6500	60	3.23	55	109	164	218	273	6	13	19	26	32
560	6500	60	3.16	53	107	160	214	267	6	13	19	25	31
360	7000	60	3.81	64	129	193	258	322	7	14	21	28	35
400	7000	60	3.72	63	126	189	252	315	7	14	21	27	34
440	7000	60	3.64	61	123	184	246	307	7	13	20	27	34
480	7000	60	3.56	60	120	180	240	301	7	13	20	26	33
520	7000	60	3.48	59	118	176	235	294	6	13	19	26	32
560	7000	60	3.41	58	115	173	230	288	6	13	19	25	31
360	7500	60	4.11	69	139	208	277	347	7	14	21	28	35
400	7500	60	4.01	68	135	203	271	339	7	14	21	28	35
440	7500	60	3.92	66	132	198	265	331	7	13	20	27	34
480	7500	60	3.83	65	129	194	259	323	7	13	20	26	33
520	7500	60	3.74	63	126	190	253	316	6	13	19	26	32
560	7500	60	3.66	62	124	186	247	309	6	13	19	25	31

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	8000	60	4.41	74	149	223	298	372	7	14	21	29	36
400	8000	60	4.31	73	145	218	291	364	7	14	21	28	35
440	8000	60	4.20	71	142	213	284	355	7	14	20	27	34
480	8000	60	4.11	69	139	208	278	347	7	13	20	27	33
520	8000	60	4.02	68	136	203	271	339	6	13	19	26	32
560	8000	60	3.93	66	133	199	265	332	6	13	19	25	32
360	8500	60	4.73	80	160	239	319	399	7	14	22	29	36
400	8500	60	4.61	78	156	234	312	389	7	14	21	28	35
440	8500	60	4.50	76	152	228	304	380	7	14	21	27	34
480	8500	60	4.40	74	149	223	297	371	7	13	20	27	33
520	8500	60	4.30	73	145	218	290	363	7	13	20	26	33
560	8500	60	4.20	71	142	213	284	355	6	13	19	26	32
360	9000	60	5.05	85	171	256	341	427	7	15	22	29	36
400	9000	60	4.93	83	167	250	333	416	7	14	21	28	36
440	9000	60	4.81	81	163	244	325	406	7	14	21	28	35
480	9000	60	4.70	79	159	238	317	397	7	14	20	27	34
520	9000	60	4.59	78	155	233	310	388	7	13	20	26	33
560	9000	60	4.49	76	152	227	303	379	6	13	19	26	32
360	9500	60	5.39	91	182	273	364	455	7	15	22	29	37
400	9500	60	5.26	89	178	266	355	444	7	14	22	29	36
440	9500	60	5.13	87	173	260	347	433	7	14	21	28	35
480	9500	60	5.01	85	169	254	338	423	7	14	20	27	34
520	9500	60	4.89	83	165	248	330	413	7	13	20	27	33
560	9500	60	4.78	81	161	242	323	404	6	13	19	26	32

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RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	10000	60	5.74	97	194	291	388	485	7	15	22	30	37
400	10000	60	5.60	95	189	284	378	473	7	15	22	29	36
440	10000	60	5.46	92	184	277	369	461	7	14	21	28	35
480	10000	60	5.33	90	180	270	360	450	7	14	21	28	35
520	10000	60	5.20	88	176	264	351	439	7	13	20	27	34
560	10000	60	5.08	86	172	257	343	429	7	13	20	26	33
360	10500	60	6.10	103	206	309	412	515	8	15	23	30	38
400	10500	60	5.95	100	201	301	402	502	7	15	22	29	37
440	10500	60	5.80	98	196	294	392	490	7	14	22	29	36
480	10500	60	5.66	96	191	287	382	478	7	14	21	28	35
520	10500	60	5.52	93	187	280	373	467	7	14	20	27	34
560	10500	60	5.39	91	182	273	364	456	7	13	20	27	33
360	11000	60	6.47	109	219	328	437	547	8	15	23	31	38
400	11000	60	6.31	107	213	320	426	533	7	15	22	30	37
440	11000	60	6.15	104	208	312	416	520	7	15	22	29	36
480	11000	60	6.00	101	203	304	405	507	7	14	21	28	35
520	11000	60	5.86	99	198	297	396	495	7	14	21	28	35
560	11000	60	5.72	97	193	290	386	483	7	13	20	27	34
360	11500	60	6.85	116	232	347	463	579	8	16	23	31	39
400	11500	60	6.68	113	226	338	451	564	8	15	23	30	38
440	11500	60	6.51	110	220	330	440	550	7	15	22	29	37
480	11500	60	6.35	107	215	322	429	536	7	14	22	29	36
520	11500	60	6.20	105	209	314	419	523	7	14	21	28	35
560	11500	60	6.05	102	204	306	409	511	7	14	20	27	34

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 INCH FFAR

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	12000	60	7.24	122	245	367	489	612	8	16	24	32	39
400	12000	60	7.06	119	239	358	477	596	8	15	23	31	38
440	12000	60	6.88	116	233	349	465	581	7	15	22	30	37
480	12000	60	6.71	113	227	340	454	567	7	15	22	29	36
520	12000	60	6.55	111	221	332	442	553	7	14	21	28	35
560	12000	60	6.39	108	216	324	432	540	7	14	21	28	35

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	750	10	2.13	12	16	19	23	27	30	34	38	41	45
400	750	10	2.10	10	13	17	21	25	28	32	36	40	43
440	750	10	2.06	7	11	15	19	23	27	31	34	38	42
480	750	10	2.03	5	9	13	17	21	25	29	33	37	41
520	750	10	2.00	4	8	12	16	20	24	28	32	36	40
560	750	10	1.96	2	6	10	14	19	23	27	31	35	39
360	1000	10	2.68	16	19	23	27	30	34	38	41	45	49
400	1000	10	2.64	13	17	21	24	28	32	36	40	43	47
440	1000	10	2.60	11	15	19	22	26	30	34	38	42	46
480	1000	10	2.56	9	13	17	21	25	29	33	37	40	44
520	1000	10	2.52	7	11	15	19	23	27	31	35	39	43
560	1000	10	2.48	5	9	13	18	22	26	30	34	38	42
360	1250	10	3.28	20	23	27	31	34	38	42	45	49	53
400	1250	10	3.23	17	21	24	28	32	36	40	43	47	51
440	1250	10	3.19	15	18	22	26	30	34	38	42	45	49
480	1250	10	3.14	12	16	20	24	28	32	36	40	44	48
520	1250	10	3.09	10	14	18	22	27	31	35	39	43	47
560	1250	10	3.05	9	13	17	21	25	29	33	37	42	46
360	1500	10	3.91	24	28	31	35	38	42	46	49	53	57
400	1500	10	3.86	21	25	29	32	36	40	44	47	51	55
440	1500	10	3.81	19	22	26	30	34	38	42	46	49	53
480	1500	10	3.75	16	20	24	28	32	36	40	44	48	52
520	1500	10	3.70	14	18	22	26	30	34	38	42	46	51
560	1500	10	3.65	12	16	20	25	29	33	37	41	45	49

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	15	2.04	11	14	18	22	25	29	33	36	40	44
400	1000	15	2.00	8	12	16	20	23	27	31	35	38	42
440	1000	15	1.96	6	10	14	18	22	25	29	33	37	41
480	1000	15	1.93	4	8	12	16	20	24	28	32	36	40
520	1000	15	1.89	2	6	11	15	19	23	27	31	35	39
560	1000	15	1.86	1	5	9	13	17	22	26	30	34	38
360	1250	15	2.43	13	17	21	24	28	32	35	39	43	46
400	1250	15	2.39	11	15	18	22	26	30	33	37	41	45
440	1250	15	2.34	9	12	16	20	24	28	32	36	39	43
480	1250	15	2.30	7	10	14	18	22	26	30	34	38	42
520	1250	15	2.26	5	9	13	17	21	25	29	33	37	41
560	1250	15	2.22	3	7	11	15	20	24	28	32	36	40
360	1500	15	2.85	16	20	23	27	31	34	38	42	45	49
400	1500	15	2.80	13	17	21	25	28	32	36	40	44	47
440	1500	15	2.75	11	15	19	23	27	30	34	38	42	46
480	1500	15	2.70	9	13	17	21	25	29	33	37	41	45
520	1500	15	2.65	7	11	15	19	23	27	31	35	39	44
560	1500	15	2.60	5	9	14	18	22	26	30	34	38	43
360	1750	15	3.29	19	22	26	30	33	37	41	44	48	52
400	1750	15	3.23	16	20	24	27	31	35	39	42	46	50
440	1750	15	3.17	14	18	21	25	29	33	37	41	45	48
480	1750	15	3.12	11	15	19	23	27	31	35	39	43	47
520	1750	15	3.06	9	14	18	22	26	30	34	38	42	46
560	1750	15	3.01	8	12	16	20	24	28	32	37	41	45

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	20	1.71	8	11	15	19	22	26	29	33	37	40
400	1000	20	1.68	5	9	13	17	20	24	28	32	35	39
440	1000	20	1.65	3	7	11	15	19	22	26	30	34	38
480	1000	20	1.62	1	5	9	13	17	21	25	29	33	37
520	1000	20	1.59	-0	4	8	12	16	20	24	28	32	36
560	1000	20	1.56	-2	2	6	11	15	19	23	27	31	35
360	1500	20	2.30	12	15	19	22	26	30	33	37	41	44
400	1500	20	2.25	9	13	17	20	24	28	32	35	39	43
440	1500	20	2.21	7	11	15	19	22	26	30	34	38	42
480	1500	20	2.17	5	9	13	17	21	25	29	33	37	41
520	1500	20	2.13	3	7	11	15	19	23	28	32	36	40
560	1500	20	2.09	2	6	10	14	18	22	26	31	35	39
360	2000	20	2.95	16	19	23	27	30	34	38	41	45	49
400	2000	20	2.90	13	17	21	24	28	32	36	39	43	47
440	2000	20	2.84	11	15	18	22	26	30	34	38	42	45
480	2000	20	2.79	9	13	17	20	24	28	32	36	40	44
520	2000	20	2.73	7	11	15	19	23	27	31	35	39	43
560	2000	20	2.68	5	9	13	17	22	26	30	34	38	42
360	1500	30	1.77	6	9	13	17	20	24	28	31	35	39
400	1500	30	1.74	4	7	11	15	19	22	26	30	34	37
440	1500	30	1.70	2	6	9	13	17	21	25	29	33	36
480	1500	30	1.67	-0	4	8	12	16	20	24	28	32	36

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	2000	30	2.19	8	12	16	19	23	27	30	34	38	41
400	2000	30	2.14	6	10	14	17	21	25	29	32	36	40
440	2000	30	2.10	4	8	12	16	20	23	27	31	35	39
480	2000	30	2.05	2	6	10	14	18	22	26	30	34	38
520	2000	30	2.01	1	5	9	13	17	21	25	29	33	37
560	2000	30	1.97	-1	3	7	12	16	20	24	28	32	36
360	2500	30	2.64	11	15	18	22	26	29	33	36	40	44
400	2500	30	2.58	9	12	16	20	24	27	31	35	39	42
440	2500	30	2.53	6	10	14	18	22	26	30	33	37	41
480	2500	30	2.47	5	8	12	16	20	24	28	32	36	40
520	2500	30	2.42	3	7	11	15	19	23	27	31	35	39
560	2500	30	2.38	1	5	9	14	18	22	26	30	34	39
360	3000	30	3.12	14	17	21	25	28	32	36	39	43	47
400	3000	30	3.06	11	15	19	22	26	30	34	37	41	45
440	3000	30	2.99	9	13	17	20	24	28	32	36	40	44
480	3000	30	2.93	7	11	15	19	23	27	31	35	39	43
520	3000	30	2.87	5	9	13	17	21	25	29	33	38	42
560	3000	30	2.81	3	8	12	16	20	24	28	32	37	41
360	3500	30	3.64	16	20	24	27	31	35	38	42	46	49
400	3500	30	3.57	14	18	21	25	29	33	36	40	44	48
440	3500	30	3.49	12	15	19	23	27	31	35	39	42	46
480	3500	30	3.42	9	13	17	21	25	29	33	37	41	45
520	3500	30	3.35	8	12	16	20	24	28	32	36	40	44
560	3500	30	3.28	6	10	14	18	22	26	31	35	39	43

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
				-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	4000	30	4.20	20	23	27	31	34	38	42	45	49	53
400	4000	30	4.11	17	21	24	28	32	36	40	43	47	51
440	4000	30	4.02	14	18	22	26	30	34	38	42	45	49
480	4000	30	3.94	12	16	20	24	28	32	36	40	44	48
520	4000	30	3.86	10	14	18	22	26	30	35	39	43	47
560	4000	30	3.78	8	12	17	21	25	29	33	37	41	46
360	4500	30	4.79	23	27	30	34	38	41	45	49	52	56
400	4500	30	4.69	20	24	28	31	35	39	43	47	50	54
440	4500	30	4.59	18	21	25	29	33	37	41	45	49	52
480	4500	30	4.50	15	19	23	27	31	35	39	43	47	51
520	4500	30	4.40	13	17	21	25	29	33	37	41	46	50
560	4500	30	4.32	11	15	19	24	28	32	36	40	44	48
360	5000	30	5.41	27	30	34	38	41	45	49	52	56	60
400	5000	30	5.30	24	27	31	35	39	43	46	50	54	58
440	5000	30	5.19	21	25	29	33	36	40	44	48	52	56
480	5000	30	5.08	18	22	26	30	34	38	42	46	50	54
520	5000	30	4.98	16	20	24	28	32	36	41	45	49	53
560	5000	30	4.88	14	18	22	27	31	35	39	43	47	51
360	3000	45	2.33	4	7	11	15	18	22	26	29	33	37
400	3000	45	2.28	2	6	9	13	17	21	24	28	32	36
440	3000	45	2.23	0	4	8	12	16	19	23	27	31	35
480	3000	45	2.18	-1	3	6	10	14	18	22	26	30	34

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	3500	45	2.66	5	9	13	16	20	24	27	31	35	38
400	3500	45	2.60	3	7	11	15	18	22	26	30	33	37
440	3500	45	2.54	1	5	9	13	17	21	25	29	32	36
480	3500	45	2.49	-0	4	8	12	16	20	24	28	32	36
520	3500	45	2.44	-2	2	7	11	15	19	23	27	31	35
360	4000	45	3.01	7	10	14	18	21	25	29	32	36	40
400	4000	45	2.94	5	8	12	16	20	24	27	31	35	39
440	4000	45	2.88	3	7	11	14	18	22	26	30	34	38
480	4000	45	2.81	1	5	9	13	17	21	25	29	33	37
520	4000	45	2.75	-0	4	8	12	16	20	24	28	32	36
560	4000	45	2.70	-2	2	7	11	15	19	23	27	31	36
360	4500	45	3.38	8	12	16	19	23	27	30	34	38	41
400	4500	45	3.30	6	10	14	18	21	25	29	33	36	40
440	4500	45	3.23	4	8	12	16	20	24	28	31	35	39
480	4500	45	3.16	3	7	11	15	18	22	26	30	34	38
520	4500	45	3.09	1	5	9	13	17	21	25	29	33	38
560	4500	45	3.02	-0	4	8	12	16	20	24	29	33	37
360	5000	45	3.77	10	14	17	21	25	28	32	36	39	43
400	5000	45	3.68	8	12	15	19	23	27	30	34	38	42
440	5000	45	3.60	6	10	14	18	21	25	29	33	37	41
480	5000	45	3.52	4	8	12	16	20	24	28	32	36	40
520	5000	45	3.44	2	7	11	15	19	23	27	31	35	39
560	5000	45	3.37	1	5	9	13	18	22	26	30	34	38

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	5500	45	4.17	12	16	19	23	27	30	34	38	41	45
400	5500	45	4.08	10	13	17	21	25	28	32	36	40	44
440	5500	45	3.99	8	11	15	19	23	27	31	35	39	42
480	5500	45	3.90	6	10	14	18	22	26	30	33	37	41
520	5500	45	3.81	4	8	12	16	20	24	28	32	36	41
560	5500	45	3.73	2	7	11	15	19	23	27	31	36	40
360	6000	45	4.60	14	17	21	25	28	32	36	39	43	47
400	6000	45	4.49	11	15	19	23	27	30	34	38	42	45
440	6000	45	4.39	9	13	17	21	25	29	33	36	40	44
480	6000	45	4.29	7	11	15	19	23	27	31	35	39	43
520	6000	45	4.20	6	10	14	18	22	26	30	34	38	42
560	6000	45	4.11	4	8	12	16	21	25	29	33	37	41
360	6500	45	5.04	16	20	23	27	31	34	38	42	45	49
400	6500	45	4.93	13	17	21	25	28	32	36	40	44	47
440	6500	45	4.81	11	15	19	23	27	31	34	38	42	46
480	6500	45	4.71	9	13	17	21	25	29	33	37	41	45
520	6500	45	4.60	7	11	15	20	24	28	32	36	40	44
560	6500	45	4.50	6	10	14	18	22	26	30	35	39	43
360	7000	45	5.50	18	22	25	29	33	36	40	44	47	51
400	7000	45	5.38	15	19	23	27	31	34	38	42	46	49
440	7000	45	5.25	13	17	21	25	29	33	36	40	44	48
480	7000	45	5.14	11	15	19	23	27	31	35	39	43	47
520	7000	45	5.03	9	13	17	21	25	29	33	38	42	46
560	7000	45	4.92	7	11	16	20	24	28	32	36	41	45

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	7500	45	5.98	20	24	28	31	35	39	42	46	50	53
400	7500	45	5.84	18	21	25	29	33	36	40	44	48	52
440	7500	45	5.71	15	19	23	27	31	35	38	42	46	50
480	7500	45	5.59	13	17	21	25	29	33	37	41	45	49
520	7500	45	5.46	11	15	19	23	27	31	35	39	44	48
560	7500	45	5.35	9	13	17	22	26	30	34	38	42	46
360	8000	45	6.47	23	26	30	34	37	41	45	48	52	56
400	8000	45	6.32	20	24	27	31	35	39	43	46	50	54
440	8000	45	6.19	17	21	25	29	33	37	41	45	48	52
480	8000	45	6.05	15	19	23	27	31	35	39	43	47	51
520	8000	45	5.92	13	17	21	25	29	33	37	41	46	50
560	8000	45	5.79	11	15	19	24	28	32	36	40	44	48
360	5000	60	3.10	-1	3	6	10	14	17	21	25	28	32
400	5000	60	3.03	-2	1	5	9	13	16	20	24	28	31
440	5000	60	2.96	-4	0	4	8	12	16	19	23	27	31
480	5000	60	2.89	-5	-1	3	7	11	15	19	23	27	31
360	5500	60	3.41	0	4	7	11	15	18	22	26	29	33
400	5500	60	3.33	-2	2	6	10	14	17	21	25	29	32
440	5500	60	3.25	-3	1	5	9	13	16	20	24	28	32
480	5500	60	3.17	-4	-0	4	8	12	16	20	23	27	31
520	5500	60	3.10	-5	-1	3	7	11	15	19	23	27	31

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
				-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	6000	60	3.73	1	5	8	12	16	19	23	27	30	34
400	6000	60	3.64	-1	3	7	11	14	18	22	26	30	33
440	6000	60	3.55	-2	2	6	10	13	17	21	25	29	33
480	6000	60	3.47	-3	1	4	8	12	16	20	24	28	32
520	6000	60	3.39	-5	-1	3	8	12	16	20	24	28	32
560	6000	60	3.32	-6	-2	2	7	11	15	19	23	27	32
360	6500	60	4.06	2	6	9	13	17	20	24	28	31	35
400	6500	60	3.96	0	4	8	12	15	19	23	27	30	34
440	6500	60	3.87	-1	3	7	10	14	18	22	26	30	34
480	6500	60	3.78	-3	1	5	9	13	17	21	25	29	33
520	6500	60	3.69	-4	0	4	8	12	16	21	25	29	33
560	6500	60	3.61	-5	-1	3	7	12	16	20	24	28	32
360	7000	60	4.40	3	7	10	14	18	21	25	29	32	36
400	7000	60	4.30	1	5	9	13	16	20	24	28	31	35
440	7000	60	4.19	-0	4	8	11	15	19	23	27	31	35
480	7000	60	4.10	-2	2	6	10	14	18	22	26	30	34
520	7000	60	4.00	-3	1	5	9	13	17	21	25	30	34
560	7000	60	3.91	-4	-0	4	8	12	17	21	25	29	33
360	7500	60	4.76	4	8	12	15	19	23	26	30	34	37
400	7500	60	4.64	2	6	10	14	17	21	25	29	33	36
440	7500	60	4.53	1	5	9	12	16	20	24	28	32	36
480	7500	60	4.43	-1	3	7	11	15	19	23	27	31	35
520	7500	60	4.33	-2	2	6	10	14	18	22	26	30	34
560	7500	60	4.23	-3	1	5	9	13	17	22	26	30	34

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS - [illegible] - MIG									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	8000	60	5.12	5	9	13	16	20	24	27	31	35	38
400	8000	60	5.00	4	7	11	15	19	22	26	30	34	37
440	8000	60	4.88	2	6	10	13	17	21	25	29	33	37
480	8000	60	4.77	0	4	8	12	16	20	24	28	32	36
520	8000	60	4.66	-1	3	7	11	15	19	23	27	31	35
560	8000	60	4.56	-2	2	6	10	14	18	23	27	31	35
360	8500	60	5.50	7	10	14	18	21	25	29	32	36	40
400	8500	60	5.37	5	8	12	16	20	24	27	31	35	39
440	8500	60	5.25	3	7	11	15	18	22	26	30	34	38
480	8500	60	5.12	1	5	9	13	17	21	25	29	33	37
520	8500	60	5.01	-0	4	8	12	16	20	24	28	32	36
560	8500	60	4.89	-1	3	7	11	15	19	23	28	32	36
360	9000	60	5.90	8	12	15	19	22	26	30	33	37	41
400	9000	60	5.75	6	10	13	17	21	25	29	32	36	40
440	9000	60	5.62	4	8	12	16	20	23	27	31	35	39
480	9000	60	5.49	3	6	10	14	18	22	26	30	34	38
520	9000	60	5.36	1	5	9	13	17	21	25	29	33	38
560	9000	60	5.24	-0	4	8	12	16	20	25	29	33	37
360	9500	60	6.30	9	13	16	20	24	27	31	35	38	42
400	9500	60	6.15	7	11	15	18	22	26	30	34	37	41
440	9500	60	6.00	5	9	13	17	21	25	29	32	36	40
480	9500	60	5.86	4	8	12	16	20	23	27	31	35	39
520	9500	60	5.73	2	6	10	14	18	22	26	31	35	39
560	9500	60	5.60	1	5	9	13	17	21	26	30	34	38

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	10000	60	6.71	11	14	18	22	25	29	33	36	40	43
400	10000	60	6.55	8	12	16	20	24	27	31	35	39	42
440	10000	60	6.40	7	10	14	18	22	26	30	34	38	41
480	10000	60	6.25	5	9	13	17	21	25	29	33	37	41
520	10000	60	6.11	3	7	11	15	19	24	28	32	36	40
560	10000	60	5.97	2	6	10	14	18	23	27	31	35	39
360	10500	60	7.13	12	16	19	23	27	30	34	38	41	45
400	10500	60	6.97	10	14	17	21	25	29	32	36	40	44
440	10500	60	6.80	8	12	16	19	23	27	31	35	39	43
480	10500	60	6.65	6	10	14	18	22	26	30	34	38	42
520	10500	60	6.50	4	9	13	17	21	25	29	33	37	41
560	10500	60	6.35	3	7	11	15	19	24	28	32	36	40
360	11000	60	7.56	13	17	21	24	28	32	35	39	43	46
400	11000	60	7.39	11	15	19	23	26	30	34	38	41	45
440	11000	60	7.22	9	13	17	21	25	29	32	36	40	44
480	11000	60	7.05	7	11	15	19	23	27	31	35	39	43
520	11000	60	6.89	6	10	14	18	22	26	30	34	38	42
560	11000	60	6.74	4	8	12	17	21	25	29	33	37	41
360	11500	60	8.00	15	19	22	26	30	33	37	41	44	48
400	11500	60	7.82	13	16	20	24	28	31	35	39	43	47
440	11500	60	7.64	11	14	18	22	26	30	34	38	42	45
480	11500	60	7.47	9	13	17	21	25	29	32	36	40	44
520	11500	60	7.30	7	11	15	19	23	27	31	35	39	43
560	11500	60	7.14	5	9	14	18	22	26	30	34	38	43

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	12000	60	8.45	16	20	24	27	31	35	38	42	46	49
400	12000	60	8.26	14	18	22	25	29	33	37	41	44	48
440	12000	60	8.07	12	16	20	24	27	31	35	39	43	47
480	12000	60	7.89	10	14	18	22	26	30	34	38	42	46
520	12000	60	7.72	8	12	16	20	24	29	33	37	41	45
560	12000	60	7.55	7	11	15	19	23	27	31	36	40	44

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	750	10	2.13	3621	3662	3703	3746	3790	3543	3584	3627	3670	3715
400	750	10	2.10	3662	3700	3739	3778	3819	3585	3623	3663	3703	3744
440	750	10	2.06	3700	3735	3770	3807	3844	3623	3659	3695	3732	3770
480	750	10	2.03	3734	3766	3799	3832	3865	3658	3691	3724	3758	3792
520	750	10	2.00	3766	3795	3824	3854	3884	3690	3720	3750	3780	3811
560	750	10	1.96	3795	3821	3847	3874	3901	3720	3746	3773	3801	3828
360	1000	10	2.68	4735	4788	4841	4895	4951	4629	4682	4737	4792	4849
400	1000	10	2.64	4791	4839	4889	4940	4991	4685	4735	4786	4837	4890
440	1000	10	2.60	4842	4886	4932	4979	5026	4737	4783	4830	4877	4926
480	1000	10	2.56	4888	4929	4971	5013	5057	4785	4827	4869	4913	4957
520	1000	10	2.52	4931	4969	5006	5045	5084	4829	4867	4905	4945	4984
560	1000	10	2.48	4971	5005	5039	5073	5108	4870	4904	4938	4973	5009
360	1250	10	3.28	5807	5869	5933	5999	6066	5670	5735	5800	5867	5936
400	1250	10	3.23	5877	5935	5994	6055	6117	5742	5802	5863	5925	5988
440	1250	10	3.19	5941	5995	6050	6106	6163	5808	5863	5919	5976	6035
480	1250	10	3.14	6000	6050	6100	6151	6203	5869	5919	5970	6023	6076
520	1250	10	3.09	6055	6100	6146	6192	6239	5925	5971	6017	6064	6112
560	1250	10	3.05	6107	6147	6188	6229	6272	5977	6019	6060	6103	6146
360	1500	10	3.91	6831	6903	6977	7052	7129	6664	6738	6814	6891	6970
400	1500	10	3.86	6915	6983	7051	7121	7193	6751	6820	6890	6962	7035
440	1500	10	3.81	6993	7056	7119	7184	7249	6831	6894	6959	7025	7092
480	1500	10	3.75	7066	7123	7181	7240	7300	6905	6963	7023	7083	7144
520	1500	10	3.70	7134	7186	7238	7291	7346	6974	7027	7081	7135	7191
560	1500	10	3.65	7197	7244	7291	7339	7387	7039	7087	7135	7184	7234

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	1000	15	2.04	3445	3472	3500	3527	3556	3297	3325	3354	3383	3412
400	1000	15	2.00	3472	3497	3522	3548	3574	3325	3351	3377	3404	3431
440	1000	15	1.96	3497	3519	3542	3566	3590	3350	3374	3398	3423	3448
480	1000	15	1.93	3519	3539	3560	3582	3603	3374	3395	3417	3439	3462
520	1000	15	1.89	3539	3557	3576	3596	3615	3395	3414	3434	3454	3474
560	1000	15	1.86	3557	3574	3591	3608	3625	3414	3431	3449	3467	3485
360	1250	15	2.43	4265	4298	4332	4366	4400	4078	4112	4147	4183	4219
400	1250	15	2.39	4299	4330	4361	4392	4424	4114	4145	4178	4211	4244
440	1250	15	2.34	4330	4358	4387	4415	4445	4146	4175	4205	4235	4265
480	1250	15	2.30	4359	4384	4410	4436	4462	4176	4202	4229	4256	4284
520	1250	15	2.26	4385	4408	4431	4454	4478	4203	4227	4251	4275	4300
560	1250	15	2.22	4408	4429	4450	4471	4492	4227	4249	4270	4292	4314
360	1500	15	2.85	5070	5109	5148	5188	5229	4843	4883	4925	4966	5009
400	1500	15	2.80	5112	5148	5184	5221	5258	4887	4924	4962	5001	5040
440	1500	15	2.75	5150	5183	5216	5250	5284	4926	4961	4996	5031	5067
480	1500	15	2.70	5185	5215	5245	5276	5307	4963	4994	5026	5058	5090
520	1500	15	2.65	5217	5244	5271	5299	5327	4996	5024	5053	5082	5111
560	1500	15	2.60	5246	5270	5295	5319	5344	5027	5052	5078	5104	5130
360	1750	15	3.29	5858	5902	5947	5993	6040	5590	5637	5684	5732	5781
400	1750	15	3.23	5908	5949	5990	6033	6076	5642	5685	5729	5773	5818
440	1750	15	3.17	5953	5991	6029	6068	6107	5690	5729	5769	5810	5851
480	1750	15	3.12	5995	6029	6064	6099	6135	5734	5770	5806	5843	5880
520	1750	15	3.06	6033	6064	6096	6127	6159	5774	5806	5839	5872	5905
560	1750	15	3.01	6069	6097	6125	6153	6182	5811	5840	5869	5899	5929

RANGE TABLES

. AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	1000	20	1.71	2709	2725	2741	2758	2775	2518	2535	2553	2570	2588
400	1000	20	1.68	2724	2739	2754	2769	2785	2534	2550	2566	2583	2599
440	1000	20	1.65	2738	2752	2765	2779	2793	2549	2563	2578	2593	2608
480	1000	20	1.62	2750	2763	2775	2788	2800	2562	2575	2589	2602	2616
520	1000	20	1.59	2762	2773	2784	2795	2807	2574	2586	2598	2610	2622
560	1000	20	1.56	2772	2782	2792	2802	2812	2585	2596	2607	2617	2628
360	1500	20	2.30	4016	4039	4063	4088	4112	3725	3751	3776	3802	3829
400	1500	20	2.25	4040	4061	4083	4106	4128	3751	3774	3798	3822	3846
440	1500	20	2.21	4061	4081	4101	4121	4142	3774	3795	3817	3839	3861
480	1500	20	2.17	4080	4099	4117	4135	4154	3795	3814	3834	3853	3873
520	1500	20	2.13	4098	4114	4131	4147	4164	3814	3831	3849	3866	3884
560	1500	20	2.09	4114	4129	4143	4158	4173	3831	3847	3862	3878	3894
360	2000	20	2.95	5296	5327	5358	5389	5421	4904	4937	4970	5004	5039
400	2000	20	2.90	5329	5357	5386	5415	5444	4939	4970	5001	5032	5063
440	2000	20	2.84	5359	5385	5411	5437	5464	4971	4999	5027	5056	5085
480	2000	20	2.79	5386	5409	5433	5457	5481	5001	5026	5052	5077	5103
520	2000	20	2.73	5411	5432	5453	5475	5497	5028	5050	5073	5096	5120
560	2000	20	2.68	5434	5453	5472	5491	5510	5052	5073	5093	5114	5134
360	1500	30	1.77	2865	2876	2888	2899	2910	2442	2454	2467	2481	2494
400	1500	30	1.74	2875	2885	2896	2906	2916	2453	2465	2477	2489	2501
440	1500	30	1.70	2884	2893	2903	2912	2921	2463	2474	2485	2496	2507
480	1500	30	1.67	2892	2900	2909	2917	2926	2472	2482	2492	2502	2512

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT					HORIZONTAL RANGE - FT				
						CAGED SIGHT LINE			ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	2000	30	2.19	3802	3816	3831	3846	3861	3233	3250	3267	3285	3302
400	2000	30	2.14	3815	3829	3842	3856	3869	3249	3265	3280	3296	3312
440	2000	30	2.10	3827	3839	3852	3864	3876	3263	3277	3292	3306	3321
480	2000	30	2.05	3838	3849	3860	3871	3883	3276	3289	3302	3315	3328
520	2000	30	2.01	3848	3858	3868	3878	3888	3288	3299	3311	3322	3334
560	2000	30	1.97	3857	3866	3875	3884	3892	3298	3308	3319	3329	3339
360	2500	30	2.64	4730	4748	4766	4784	4803	4015	4037	4058	4079	4101
400	2500	30	2.58	4748	4764	4781	4797	4814	4036	4055	4075	4094	4114
440	2500	30	2.53	4763	4778	4793	4809	4824	4054	4072	4090	4108	4126
480	2500	30	2.47	4777	4791	4805	4818	4832	4071	4087	4103	4119	4135
520	2500	30	2.42	4790	4803	4815	4827	4839	4086	4101	4115	4129	4144
560	2500	30	2.38	4802	4813	4824	4835	4846	4100	4113	4126	4138	4151
360	3000	30	3.12	5649	5671	5692	5714	5736	4787	4812	4838	4863	4889
400	3000	30	3.06	5671	5691	5710	5730	5750	4813	4836	4859	4882	4906
440	3000	30	2.99	5691	5709	5727	5745	5763	4836	4857	4878	4899	4920
480	3000	30	2.93	5709	5725	5741	5757	5774	4857	4876	4895	4914	4933
520	3000	30	2.87	5725	5739	5754	5768	5783	4876	4893	4910	4927	4944
560	3000	30	2.81	5740	5753	5766	5779	5792	4893	4908	4924	4939	4954
360	3500	30	3.64	6559	6583	6608	6633	6658	5547	5576	5605	5634	5664
400	3500	30	3.57	6585	6608	6630	6653	6676	5578	5604	5631	5658	5685
440	3500	30	3.49	6609	6629	6650	6671	6692	5606	5630	5655	5679	5704
480	3500	30	3.42	6631	6649	6668	6687	6706	5632	5653	5675	5698	5720
520	3500	30	3.35	6650	6667	6684	6701	6718	5655	5675	5694	5714	5734
560	3500	30	3.28	6669	6684	6699	6714	6729	5677	5694	5712	5729	5747

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	4000	30	4.20	7457	7484	7512	7541	7569	6293	6326	6359	6392	6426
400	4000	30	4.11	7488	7513	7539	7565	7591	6330	6360	6390	6421	6452
440	4000	30	4.02	7516	7540	7563	7587	7610	6364	6391	6419	6446	6474
480	4000	30	3.94	7542	7563	7584	7606	7627	6394	6419	6444	6469	6494
520	4000	30	3.86	7566	7585	7604	7623	7642	6422	6445	6467	6489	6512
560	4000	30	3.78	7588	7605	7622	7639	7656	6448	6468	6488	6508	6528
360	4500	30	4.79	8342	8373	8404	8435	8467	7024	7061	7098	7135	7172
400	4500	30	4.69	8379	8407	8436	8464	8493	7068	7101	7135	7169	7203
440	4500	30	4.59	8412	8438	8464	8490	8517	7107	7138	7169	7199	7231
480	4500	30	4.50	8443	8466	8490	8513	8537	7144	7171	7199	7227	7255
520	4500	30	4.40	8471	8492	8513	8534	8556	7177	7202	7227	7252	7277
560	4500	30	4.32	8497	8516	8535	8554	8573	7208	7230	7252	7274	7297
360	5000	30	5.41	9215	9248	9282	9317	9351	7740	7780	7821	7861	7902
400	5000	30	5.30	9257	9288	9319	9350	9382	7790	7827	7864	7901	7939
440	5000	30	5.19	9295	9324	9352	9381	9410	7836	7869	7903	7937	7971
480	5000	30	5.08	9331	9357	9382	9408	9434	7878	7908	7939	7970	8001
520	5000	30	4.98	9364	9387	9410	9433	9457	7917	7944	7972	7999	8027
560	5000	30	4.88	9394	9415	9436	9456	9477	7953	7977	8002	8026	8051
360	3000	45	2.33	4137	4146	4156	4165	4175	2849	2862	2876	2889	2903
400	3000	45	2.28	4144	4153	4161	4170	4179	2859	2872	2884	2896	2909
440	3000	45	2.23	4151	4159	4166	4174	4182	2869	2880	2891	2902	2914
480	3000	45	2.18	4157	4164	4171	4178	4185	2877	2887	2897	2907	2918

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	3500	45	2.66	4819	4830	4841	4851	4862	3312	3328	3344	3360	3375
400	3500	45	2.60	4828	4838	4847	4857	4867	3325	3339	3354	3368	3383
440	3500	45	2.54	4835	4844	4853	4862	4872	3336	3349	3362	3375	3389
480	3500	45	2.49	4843	4851	4859	4867	4875	3347	3358	3370	3382	3394
520	3500	45	2.44	4849	4856	4864	4871	4878	3356	3366	3377	3387	3398
360	4000	45	3.01	5498	5511	5523	5535	5548	3773	3791	3808	3826	3844
400	4000	45	2.94	5509	5520	5531	5543	5554	3788	3804	3820	3837	3853
440	4000	45	2.88	5518	5528	5538	5549	5559	3801	3816	3831	3846	3860
480	4000	45	2.81	5526	5536	5545	5554	5563	3813	3827	3840	3853	3867
520	4000	45	2.75	5534	5542	5550	5559	5567	3824	3836	3848	3860	3872
560	4000	45	2.70	5541	5548	5556	5563	5570	3834	3845	3856	3866	3877
360	4500	45	3.38	6176	6189	6203	6217	6231	4229	4249	4269	4290	4310
400	4500	45	3.30	6187	6200	6213	6225	6238	4247	4265	4283	4302	4320
440	4500	45	3.23	6198	6210	6221	6233	6244	4262	4279	4296	4312	4329
480	4500	45	3.16	6208	6218	6229	6239	6249	4277	4291	4306	4321	4336
520	4500	45	3.09	6217	6226	6235	6245	6254	4289	4303	4316	4330	4343
560	4500	45	3.02	6225	6233	6241	6250	6258	4301	4313	4325	4337	4349
360	5000	45	3.77	6850	6865	6880	6896	6911	4682	4704	4726	4749	4771
400	5000	45	3.68	6864	6877	6891	6905	6919	4702	4722	4742	4763	4783
440	5000	45	3.60	6876	6888	6901	6914	6927	4720	4738	4757	4775	4794
480	5000	45	3.52	6887	6899	6910	6921	6933	4736	4753	4769	4786	4803
520	5000	45	3.44	6897	6908	6918	6928	6938	4751	4766	4781	4796	4811
560	5000	45	3.37	6907	6916	6925	6934	6943	4765	4778	4791	4804	4818

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT.	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	5500	45	4.17	7521	7538	7555	7571	7588	5130	5155	5179	5203	5228
400	5500	45	4.08	7537	7552	7567	7583	7598	5153	5175	5197	5220	5242
440	5500	45	3.99	7551	7565	7579	7592	7607	5174	5194	5214	5234	5254
480	5500	45	3.90	7564	7576	7589	7601	7614	5192	5210	5229	5247	5265
520	5500	45	3.81	7576	7587	7598	7609	7620	5209	5226	5242	5258	5275
560	5500	45	3.73	7586	7596	7606	7616	7626	5225	5240	5254	5268	5283
360	6000	45	4.60	8190	8208	8226	8244	8262	5574	5600	5627	5653	5680
400	6000	45	4.49	8207	8224	8240	8257	8273	5600	5624	5648	5672	5697
440	6000	45	4.39	8223	8238	8253	8268	8283	5623	5645	5667	5689	5711
480	6000	45	4.29	8238	8251	8265	8278	8292	5644	5664	5684	5703	5723
520	6000	45	4.20	8251	8263	8275	8287	8300	5664	5681	5699	5717	5734
560	6000	45	4.11	8263	8274	8285	8296	8306	5682	5697	5713	5729	5744
360	6500	45	5.04	8855	8874	8893	8913	8933	6013	6041	6070	6098	6127
400	6500	45	4.93	8874	8892	8910	8928	8946	6042	6068	6094	6120	6146
440	6500	45	4.81	8892	8908	8924	8941	8957	6068	6091	6115	6139	6163
480	6500	45	4.71	8908	8923	8938	8952	8967	6092	6113	6134	6156	6177
520	6500	45	4.60	8923	8936	8950	8963	8976	6114	6133	6152	6171	6190
560	6500	45	4.50	8937	8949	8961	8972	8984	6134	6151	6168	6185	6202
360	7000	45	5.50	9516	9537	9558	9579	9600	6446	6477	6507	6538	6569
400	7000	45	5.38	9538	9557	9576	9595	9614	6478	6506	6534	6562	6591
440	7000	45	5.25	9558	9575	9592	9610	9627	6508	6533	6558	6584	6609
480	7000	45	5.14	9576	9592	9607	9623	9639	6534	6557	6580	6603	6626
520	7000	45	5.03	9593	9607	9621	9635	9649	6559	6580	6600	6621	6641
560	7000	45	4.92	9608	9621	9633	9646	9658	6582	6600	6618	6636	6655

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	7500	45	5.98	10174	10196	10218	10240	10263	6874	6907	6940	6972	7005
400	7500	45	5.84	10198	10218	10238	10259	10279	6910	6940	6970	7000	7030
440	7500	45	5.71	10220	10238	10257	10275	10294	6942	6969	6997	7024	7051
480	7500	45	5.59	10240	10257	10274	10290	10307	6972	6997	7021	7046	7070
520	7500	45	5.46	10259	10274	10289	10304	10319	7000	7022	7043	7065	7087
560	7500	45	5.35	10276	10290	10303	10316	10330	7025	7045	7064	7083	7103
360	8000	45	6.47	10828	10851	10875	10898	10922	7297	7331	7366	7401	7436
400	8000	45	6.32	10854	10876	10897	10919	10941	7336	7368	7399	7431	7463
440	8000	45	6.19	10879	10898	10918	10937	10957	7372	7401	7429	7458	7487
480	8000	45	6.05	10901	10919	10936	10954	10972	7405	7431	7457	7483	7509
520	8000	45	5.92	10922	10938	10953	10969	10985	7435	7459	7482	7505	7528
560	8000	45	5.79	10941	10955	10969	10983	10998	7464	7484	7505	7526	7546
360	5000	60	3.10	5704	5711	5719	5726	5734	2745	2760	2776	2791	2807
400	5000	60	3.03	5709	5715	5722	5729	5736	2755	2769	2783	2797	2811
440	5000	60	2.96	5713	5719	5725	5731	5737	2763	2776	2788	2801	2814
480	5000	60	2.89	5716	5722	5728	5733	5739	2771	2782	2794	2805	2817
360	5500	60	3.41	6271	6279	6287	6295	6304	3012	3029	3046	3063	3080
400	5500	60	3.33	6276	6283	6291	6298	6306	3023	3038	3054	3069	3085
440	5500	60	3.25	6281	6287	6294	6301	6308	3033	3047	3061	3075	3089
480	5500	60	3.17	6285	6291	6297	6303	6309	3042	3054	3067	3079	3092
520	5500	60	3.10	6289	6294	6300	6305	6311	3050	3061	3072	3083	3094

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	6000	60	3.73	6837	6846	6855	6864	6873	3278	3296	3315	3333	3352
400	6000	60	3.64	6843	6851	6859	6867	6875	3290	3307	3323	3340	3357
440	6000	60	3.55	6848	6855	6863	6870	6878	3301	3316	3331	3346	3362
480	6000	60	3.47	6853	6859	6866	6873	6879	3311	3324	3338	3352	3365
520	6000	60	3.39	6857	6863	6869	6875	6881	3320	3332	3344	3356	3369
560	6000	60	3.32	6861	6867	6872	6877	6882	3328	3339	3350	3361	3371
360	6500	60	4.06	7402	7412	7421	7431	7441	3542	3562	3582	3602	3622
400	6500	60	3.96	7409	7417	7426	7435	7444	3555	3573	3592	3610	3628
440	6500	60	3.87	7415	7423	7431	7438	7447	3568	3584	3600	3617	3633
480	6500	60	3.78	7420	7427	7434	7441	7449	3579	3593	3608	3623	3638
520	6500	60	3.69	7425	7431	7438	7444	7451	3589	3602	3615	3628	3642
560	6500	60	3.61	7429	7435	7441	7446	7452	3598	3610	3621	3633	3645
360	7000	60	4.40	7967	7977	7987	7998	8008	3804	3825	3847	3868	3890
400	7000	60	4.30	7974	7983	7993	8002	8012	3819	3838	3858	3877	3897
440	7000	60	4.19	7980	7989	7997	8006	8015	3832	3850	3868	3886	3903
480	7000	60	4.10	7986	7994	8002	8009	8017	3845	3861	3877	3893	3908
520	7000	60	4.00	7992	7999	8006	8012	8019	3856	3870	3885	3899	3913
560	7000	60	3.91	7997	8003	8009	8015	8021	3867	3879	3892	3904	3917
360	7500	60	4.76	8530	8541	8552	8563	8575	4064	4087	4110	4133	4156
400	7500	60	4.64	8538	8548	8558	8568	8579	4081	4102	4122	4143	4164
440	7500	60	4.53	8545	8555	8564	8573	8582	4096	4115	4134	4152	4171
480	7500	60	4.43	8552	8560	8568	8577	8585	4109	4126	4143	4160	4177
520	7500	60	4.33	8558	8565	8573	8580	8587	4122	4137	4152	4167	4183
560	7500	60	4.23	8564	8570	8577	8583	8590	4134	4147	4160	4174	4187

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT					HORIZONTAL RANGE - FT				
						CAGED SIGHT		LIVE	ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	8000	60	5.12	9093	9105	9116	9128	9140	4323	4347	4371	4396	4420
400	8000	60	5.00	9102	9112	9123	9134	9145	4341	4363	4385	4407	4430
440	8000	60	4.88	9110	9119	9129	9139	9148	4357	4377	4397	4418	4438
480	8000	60	4.77	9117	9126	9134	9143	9152	4372	4390	4408	4427	4445
520	8000	60	4.66	9123	9131	9139	9147	9155	4386	4402	4418	4435	4451
560	8000	60	4.56	9130	9137	9143	9150	9157	4399	4413	4427	4442	4456
360	8500	60	5.50	9655	9667	9679	9692	9704	4579	4605	4630	4656	4682
400	8500	60	5.37	9664	9675	9687	9698	9710	4599	4622	4646	4669	4693
440	8500	60	5.25	9673	9683	9693	9704	9714	4617	4638	4659	4681	4702
480	8500	60	5.12	9681	9690	9699	9708	9718	4633	4652	4672	4691	4710
520	8500	60	5.01	9688	9696	9705	9713	9721	4648	4666	4683	4700	4717
560	8500	60	4.89	9695	9702	9709	9717	9724	4662	4678	4693	4708	4723
360	9000	60	5.90	10215	10228	10241	10255	10268	4833	4860	4887	4915	4942
400	9000	60	5.75	10226	10238	10249	10261	10274	4854	4879	4904	4929	4954
440	9000	60	5.62	10235	10246	10257	10268	10279	4874	4897	4919	4942	4965
480	9000	60	5.49	10244	10253	10263	10273	10283	4892	4913	4933	4953	4974
520	9000	60	5.36	10252	10260	10269	10278	10287	4909	4927	4945	4963	4982
560	9000	60	5.24	10259	10267	10275	10282	10290	4924	4940	4956	4973	4989
360	9500	60	6.30	10775	10789	10802	10816	10830	5084	5113	5142	5171	5200
400	9500	60	6.15	10786	10799	10811	10824	10836	5108	5134	5161	5187	5213
440	9500	60	6.00	10796	10808	10819	10831	10842	5130	5153	5177	5201	5225
480	9500	60	5.86	10806	10816	10826	10837	10847	5149	5171	5192	5214	5235
520	9500	60	5.73	10814	10824	10833	10842	10851	5167	5187	5206	5225	5244
560	9500	60	5.60	10823	10831	10839	10847	10855	5184	5201	5218	5235	5252

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	10000	60	6.71	11334	11348	11362	11377	11391	5334	5364	5394	5425	5455
400	10000	60	6.55	11346	11359	11372	11385	11398	5359	5387	5415	5442	5470
440	10000	60	6.40	11357	11369	11380	11392	11405	5383	5408	5433	5458	5483
480	10000	60	6.25	11367	11378	11388	11399	11410	5404	5427	5449	5472	5494
520	10000	60	6.11	11376	11386	11396	11405	11415	5424	5444	5464	5484	5505
560	10000	60	5.97	11385	11394	11402	11411	11419	5442	5460	5478	5496	5514
360	10500	60	7.13	11891	11906	11921	11936	11951	5581	5613	5644	5676	5708
400	10500	60	6.97	11904	11918	11931	11945	11959	5608	5637	5666	5695	5725
440	10500	60	6.80	11916	11928	11941	11953	11966	5634	5660	5686	5712	5739
480	10500	60	6.65	11927	11938	11949	11961	11972	5657	5681	5704	5728	5752
520	10500	60	6.50	11937	11947	11957	11967	11978	5679	5700	5721	5742	5763
560	10500	60	6.35	11947	11956	11964	11973	11983	5698	5717	5736	5754	5773
360	11000	60	7.56	12447	12463	12479	12494	12510	5825	5859	5892	5925	5959
400	11000	60	7.39	12461	12475	12490	12504	12519	5855	5885	5916	5946	5977
440	11000	60	7.22	12474	12487	12500	12513	12526	5882	5910	5937	5965	5992
480	11000	60	7.05	12486	12498	12509	12521	12533	5908	5932	5957	5982	6006
520	11000	60	6.89	12497	12507	12518	12529	12539	5931	5953	5975	5997	6019
560	11000	60	6.74	12507	12517	12526	12535	12545	5952	5972	5991	6011	6031
360	11500	60	8.00	13002	13019	13035	13051	13068	6068	6102	6137	6172	6207
400	11500	60	7.82	13017	13032	13047	13062	13077	6099	6131	6163	6194	6226
440	11500	60	7.64	13031	13045	13058	13072	13086	6129	6157	6186	6215	6244
480	11500	60	7.47	13044	13056	13068	13081	13093	6156	6182	6207	6233	6259
520	11500	60	7.30	13056	13067	13078	13089	13100	6181	6204	6227	6250	6273
560	11500	60	7.14	13067	13077	13086	13096	13106	6204	6225	6245	6265	6286

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	12000	60	8.45	13557	13573	13590	13607	13624	6307	6343	6379	6415	6452
400	12000	60	8.26	13572	13588	13603	13619	13635	6341	6374	6407	6440	6473
440	12000	60	8.07	13587	13601	13615	13629	13644	6373	6402	6432	6462	6492
480	12000	60	7.89	13601	13613	13626	13639	13652	6402	6429	6455	6482	6509
520	12000	60	7.72	13614	13625	13636	13648	13659	6429	6453	6477	6501	6525
560	12000	60	7.55	13625	13636	13646	13656	13666	6454	6475	6496	6518	6539

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	750	10	2.13	36	72	108	144	180	2	4	6	8	10
400	750	10	2.10	35	71	106	142	177	2	4	6	8	10
440	750	10	2.06	35	70	104	139	174	2	4	6	7	9
480	750	10	2.03	34	69	103	137	171	2	4	5	7	9
520	750	10	2.00	34	67	101	135	169	2	4	5	7	9
560	750	10	1.96	33	66	100	133	166	2	3	5	7	9
360	1000	10	2.68	45	91	136	181	227	2	4	6	8	10
400	1000	10	2.64	45	89	134	179	223	2	4	6	8	10
440	1000	10	2.60	44	88	132	176	220	2	4	6	7	9
480	1000	10	2.56	43	87	130	173	216	2	4	5	7	9
520	1000	10	2.52	43	85	128	170	213	2	3	5	7	9
560	1000	10	2.48	42	84	126	168	210	2	3	5	7	8
360	1250	10	3.28	55	111	166	221	277	2	4	6	8	10
400	1250	10	3.23	55	109	164	218	273	2	4	6	8	10
440	1250	10	3.19	54	108	161	215	269	2	4	6	7	9
480	1250	10	3.14	53	106	159	212	265	2	4	5	7	9
520	1250	10	3.09	52	104	157	209	261	2	4	5	7	9
560	1250	10	3.05	51	103	154	206	257	2	3	5	7	9
360	1500	10	3.91	66	132	198	264	330	2	4	6	8	10
400	1500	10	3.86	65	130	196	261	326	2	4	6	8	10
440	1500	10	3.81	64	129	193	257	322	2	4	6	8	10
480	1500	10	3.75	63	127	190	254	317	2	4	6	8	9
520	1500	10	3.70	63	125	188	250	313	2	4	5	7	9
560	1500	10	3.65	62	123	185	247	308	2	4	5	7	9

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG.	SEC	10	20	30	40	50	10	20	30	40	50
360	1000	15	2.04	34	69	103	138	172	3	6	9	11	14
400	1000	15	2.00	34	68	101	135	169	3	6	8	11	14
440	1000	15	1.96	33	66	100	133	166	3	5	8	11	13
480	1000	15	1.93	33	65	98	130	163	3	5	8	10	13
520	1000	15	1.89	32	64	96	128	160	3	5	8	10	13
560	1000	15	1.86	31	63	94	126	157	2	5	7	10	12
360	1250	15	2.43	41	82	123	164	205	3	6	8	11	14
400	1250	15	2.39	40	81	121	161	201	3	5	8	11	13
440	1250	15	2.34	40	79	119	158	198	3	5	8	10	13
480	1250	15	2.30	39	78	117	155	194	3	5	8	10	13
520	1250	15	2.26	38	76	115	153	191	2	5	7	10	12
560	1250	15	2.22	37	75	112	150	187	2	5	7	10	12
360	1500	15	2.85	48	96	144	192	240	3	6	8	11	14
400	1500	15	2.80	47	94	142	189	236	3	5	8	11	13
440	1500	15	2.75	46	93	139	185	232	3	5	8	10	13
480	1500	15	2.70	46	91	137	182	228	3	5	8	10	13
520	1500	15	2.65	45	89	134	179	224	2	5	7	10	12
560	1500	15	2.60	44	88	132	176	220	2	5	7	9	12
360	1750	15	3.29	55	111	166	222	277	3	6	8	11	14
400	1750	15	3.23	55	109	164	218	273	3	5	8	11	13
440	1750	15	3.17	54	107	161	214	268	3	5	8	10	13
480	1750	15	3.12	53	105	158	211	263	3	5	8	10	13
520	1750	15	3.06	52	103	155	207	259	2	5	7	10	12
560	1750	15	3.01	51	102	153	203	254	2	5	7	10	12

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	1000	20	1.71	29	58	87	116	144	4	8	12	16	19
400	1000	20	1.68	28	57	85	114	142	4	8	11	15	19
440	1000	20	1.65	28	56	84	111	139	4	7	11	15	18
480	1000	20	1.62	27	55	82	109	137	4	7	11	14	18
520	1000	20	1.59	27	54	81	107	134	3	7	10	14	17
560	1000	20	1.56	26	53	79	105	132	3	7	10	14	17
360	1500	20	2.30	39	78	117	155	194	4	7	11	14	18
400	1500	20	2.25	38	76	114	152	190	3	7	10	14	17
440	1500	20	2.21	37	75	112	149	187	3	7	10	13	17
480	1500	20	2.17	37	73	110	146	183	3	7	10	13	16
520	1500	20	2.13	36	72	108	144	180	3	6	10	13	16
560	1500	20	2.09	35	71	106	141	176	3	6	9	12	16
360	2000	20	2.95	50	100	150	200	249	4	7	11	14	18
400	2000	20	2.90	49	98	147	196	245	3	7	10	14	17
440	2000	20	2.84	48	96	144	192	240	3	7	10	13	17
480	2000	20	2.79	47	94	141	188	235	3	6	10	13	16
520	2000	20	2.73	46	92	139	185	231	3	6	9	13	16
560	2000	20	2.68	45	91	136	181	227	3	6	9	12	15
360	1500	30	1.77	30	60	90	120	149	5	11	16	22	27
400	1500	30	1.74	29	59	88	118	147	5	11	16	21	26
440	1500	30	1.70	29	57	86	115	144	5	10	15	21	26
480	1500	30	1.67	28	56	85	113	141	5	10	15	20	25

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	2000	30	2.19	37	74	111	148	185	5	10	15	20	25
400	2000	30	2.14	36	72	108	145	181	5	10	15	20	25
440	2000	30	2.10	35	71	106	142	177	5	10	14	19	24
480	2000	30	2.05	35	69	104	139	173	5	9	14	19	23
520	2000	30	2.01	34	68	102	136	170	5	9	14	18	23
560	2000	30	1.97	33	67	100	133	167	4	9	13	18	22
360	2500	30	2.64	45	89	134	178	223	5	10	15	20	25
400	2500	30	2.58	44	87	131	174	218	5	10	14	19	24
440	2500	30	2.53	43	85	128	171	213	5	9	14	19	23
480	2500	30	2.47	42	84	125	167	209	5	9	14	18	23
520	2500	30	2.42	41	82	123	164	205	4	9	13	18	22
560	2500	30	2.38	40	80	120	161	201	4	9	13	17	22
360	3000	30	3.12	53	106	158	211	264	5	10	15	20	25
400	3000	30	3.06	52	103	155	207	258	5	10	14	19	24
440	3000	30	2.99	51	101	152	202	253	5	9	14	19	23
480	3000	30	2.93	49	99	148	198	247	5	9	14	18	23
520	3000	30	2.87	48	97	145	194	242	4	9	13	18	22
560	3000	30	2.81	47	95	142	190	237	4	9	13	17	22
360	3500	30	3.64	62	123	185	246	308	5	10	15	20	25
400	3500	30	3.57	60	120	181	241	301	5	10	14	19	24
440	3500	30	3.49	59	118	177	236	295	5	9	14	19	23
480	3500	30	3.42	58	115	173	231	289	5	9	14	18	23
520	3500	30	3.35	57	113	170	226	283	4	9	13	18	22
560	3500	30	3.28	55	111	166	222	277	4	9	13	17	22

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	4000	30	4.20	71	142	213	284	355	5	10	15	20	25
400	4000	30	4.11	69	139	208	278	347	5	10	15	20	25
440	4000	30	4.02	68	136	204	272	340	5	10	14	19	24
480	4000	30	3.94	67	133	200	266	333	5	9	14	19	23
520	4000	30	3.86	65	130	196	261	326	5	9	14	18	23
560	4000	30	3.78	64	128	192	255	319	4	9	13	18	22
360	4500	30	4.79	81	162	242	323	404	5	10	16	21	26
400	4500	30	4.69	79	158	237	317	396	5	10	15	20	25
440	4500	30	4.59	78	155	233	310	388	5	10	15	20	25
480	4500	30	4.50	76	152	228	304	380	5	10	14	19	24
520	4500	30	4.40	74	149	223	298	372	5	9	14	19	23
560	4500	30	4.32	73	146	219	292	364	5	9	14	18	23
360	5000	30	5.41	91	183	274	365	456	5	11	16	21	27
400	5000	30	5.30	89	179	268	358	447	5	10	16	21	26
440	5000	30	5.19	88	175	263	351	438	5	10	15	20	25
480	5000	30	5.08	86	172	258	343	429	5	10	15	20	25
520	5000	30	4.98	84	168	252	337	421	5	10	14	19	24
560	5000	30	4.88	82	165	247	330	412	5	9	14	19	23
360	3000	45	2.33	39	79	118	158	197	7	14	21	27	34
400	3000	45	2.28	38	77	115	154	192	7	13	20	27	33
440	3000	45	2.23	38	75	113	151	188	7	13	20	26	33
480	3000	45	2.18	37	74	110	147	184	6	13	19	25	32

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	3500	45	2.66	45	90	135	180	225	7	14	20	27	34
400	3500	45	2.60	44	88	132	176	220	7	13	20	26	33
440	3500	45	2.54	43	86	129	172	215	6	13	19	26	32
480	3500	45	2.49	42	84	126	168	210	6	13	19	25	31
520	3500	45	2.44	41	82	123	165	206	6	12	18	24	31
360	4000	45	3.01	51	102	153	204	255	7	13	20	27	34
400	4000	45	2.94	50	99	149	199	249	7	13	20	26	33
440	4000	45	2.88	49	97	146	194	243	6	13	19	25	32
480	4000	45	2.81	48	95	143	190	238	6	12	19	25	31
520	4000	45	2.75	47	93	140	186	233	6	12	18	24	30
560	4000	45	2.70	46	91	137	182	228	6	12	18	24	30
360	4500	45	3.38	57	114	171	229	286	7	13	20	27	34
400	4500	45	3.30	56	112	167	223	279	7	13	20	26	33
440	4500	45	3.23	55	109	164	218	273	6	13	19	25	32
480	4500	45	3.16	53	107	160	213	267	6	12	19	25	31
520	4500	45	3.09	52	104	157	209	261	6	12	18	24	30
560	4500	45	3.02	51	102	153	204	255	6	12	18	24	30
360	5000	45	3.77	64	127	191	255	318	7	14	20	27	34
400	5000	45	3.68	62	124	187	249	311	7	13	20	26	33
440	5000	45	3.60	61	122	182	243	304	6	13	19	26	32
480	5000	45	3.52	59	119	178	238	297	6	12	19	25	31
520	5000	45	3.44	58	116	174	233	291	6	12	18	24	30
560	5000	45	3.37	57	114	171	228	284	6	12	18	24	30

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	5500	45	4.17	71	141	212	282	353	7	14	20	27	34
400	5500	45	4.08	69	138	207	276	344	7	13	20	27	33
440	5500	45	3.99	67	135	202	269	337	6	13	19	26	32
480	5500	45	3.90	66	132	197	263	329	6	13	19	25	32
520	5500	45	3.81	64	129	193	258	322	6	12	18	25	31
560	5500	45	3.73	63	126	189	252	315	6	12	18	24	30
360	6000	45	4.60	78	155	233	311	388	7	14	21	28	35
400	6000	45	4.49	76	152	228	304	379	7	13	20	27	34
440	6000	45	4.39	74	148	223	297	371	7	13	20	26	33
480	6000	45	4.29	73	145	218	290	363	6	13	19	26	32
520	6000	45	4.20	71	142	213	284	355	6	12	19	25	31
560	6000	45	4.11	69	139	208	278	347	6	12	18	24	30
360	6500	45	5.04	85	170	255	341	426	7	14	21	28	35
400	6500	45	4.93	83	166	250	333	416	7	14	21	27	34
440	6500	45	4.81	81	163	244	325	407	7	13	20	27	33
480	6500	45	4.71	80	159	239	318	398	6	13	19	26	32
520	6500	45	4.60	78	156	233	311	389	6	13	19	25	32
560	6500	45	4.50	76	152	228	304	380	6	12	19	25	31
360	7000	45	5.50	93	186	279	372	464	7	14	21	29	36
400	7000	45	5.38	91	182	272	363	454	7	14	21	28	35
440	7000	45	5.25	89	177	266	355	444	7	14	20	27	34
480	7000	45	5.14	87	174	260	347	434	7	13	20	26	33
520	7000	45	5.03	85	170	255	340	424	6	13	19	26	32
560	7000	45	4.92	83	166	249	332	415	6	13	19	25	31

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
								WIND VELOCITY-KTS					
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	7500	45	5.98	101	202	303	404	505	7	15	22	29	36
400	7500	45	5.84	99	197	296	395	493	7	14	21	28	35
440	7500	45	5.71	96	193	289	386	482	7	14	21	28	35
480	7500	45	5.59	94	189	283	377	472	7	13	20	27	34
520	7500	45	5.46	92	185	277	369	461	7	13	20	26	33
560	7500	45	5.35	90	181	271	361	451	6	13	19	26	32
360	8000	45	6.47	109	218	328	437	546	7	15	22	30	37
400	8000	45	6.32	107	214	320	427	534	7	14	22	29	36
440	8000	45	6.19	104	209	313	418	522	7	14	21	28	35
480	8000	45	6.05	102	204	307	409	511	7	14	21	27	34
520	8000	45	5.92	100	200	300	400	500	7	13	20	27	33
560	8000	45	5.79	98	196	293	391	489	7	13	20	26	33
360	5000	60	3.10	52	105	157	210	262	8	16	24	32	40
400	5000	60	3.03	51	102	153	205	256	8	16	23	31	39
440	5000	60	2.96	50	100	150	200	250	8	15	23	31	38
480	5000	60	2.89	49	98	146	195	244	7	15	22	30	37
360	5500	60	3.41	58	115	173	230	288	8	16	24	32	40
400	5500	60	3.33	56	112	169	225	281	8	16	23	31	39
440	5500	60	3.25	55	110	165	219	274	8	15	23	31	38
480	5500	60	3.17	54	107	161	214	268	7	15	22	30	37
520	5500	60	3.10	52	105	157	210	262	7	15	22	29	36

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	6000	60	3.73	63	126	189	252	315	8	16	24	32	40
400	6000	60	3.64	61	123	184	246	307	8	16	24	31	39
440	6000	60	3.55	60	120	180	240	300	8	15	23	31	38
480	6000	60	3.47	59	117	176	234	293	7	15	22	30	37
520	6000	60	3.39	57	115	172	229	286	7	15	22	29	36
560	6000	60	3.32	56	112	168	224	280	7	14	21	29	36
360	6500	60	4.06	69	137	206	274	343	8	16	24	32	41
400	6500	60	3.96	67	134	201	268	334	8	16	24	32	40
440	6500	60	3.87	65	131	196	261	327	8	15	23	31	39
480	6500	60	3.78	64	128	191	255	319	8	15	23	30	38
520	6500	60	3.69	62	125	187	249	312	7	15	22	29	37
560	6500	60	3.61	61	122	183	244	305	7	14	22	29	36
360	7000	60	4.40	74	149	223	297	372	8	16	25	33	41
400	7000	60	4.30	73	145	218	290	363	8	16	24	32	40
440	7000	60	4.19	71	142	212	283	354	8	16	23	31	39
480	7000	60	4.10	69	138	208	277	346	8	15	23	30	38
520	7000	60	4.00	68	135	203	270	338	7	15	22	30	37
560	7000	60	3.91	66	132	198	264	330	7	14	22	29	36
360	7500	60	4.76	80	161	241	321	402	8	17	25	33	41
400	7500	60	4.64	78	157	235	314	392	8	16	24	32	40
440	7500	60	4.53	77	153	230	306	383	8	16	24	31	39
480	7500	60	4.43	75	150	224	299	374	8	15	23	31	38
520	7500	60	4.33	73	146	219	292	365	7	15	22	30	37
560	7500	60	4.23	71	143	214	286	357	7	15	22	29	36

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	8000	60	5.12	87	173	260	346	433	8	17	25	33	42
400	8000	60	5.00	84	169	253	338	422	8	16	24	33	41
440	8000	60	4.88	82	165	247	330	412	8	16	24	32	40
480	8000	60	4.77	81	161	242	322	403	8	15	23	31	39
520	8000	60	4.66	79	157	236	315	394	8	15	23	30	38
560	8000	60	4.56	77	154	231	308	385	7	15	22	29	37
360	8500	60	5.50	93	186	279	372	465	8	17	25	34	42
400	8500	60	5.37	91	181	272	363	454	8	16	25	33	41
440	8500	60	5.25	89	177	266	354	443	8	16	24	32	40
480	8500	60	5.12	87	173	260	346	433	8	16	24	31	39
520	8500	60	5.01	85	169	254	338	423	8	15	23	31	38
560	8500	60	4.89	83	165	248	331	413	7	15	22	30	37
360	9000	60	5.90	100	199	299	398	498	9	17	26	34	43
400	9000	60	5.75	97	194	292	389	486	8	17	25	33	42
440	9000	60	5.62	95	190	285	380	475	8	16	24	33	41
480	9000	60	5.49	93	185	278	371	463	8	16	24	32	40
520	9000	60	5.36	91	181	272	362	453	8	15	23	31	39
560	9000	60	5.24	89	177	266	354	443	8	15	23	30	38
360	9500	60	6.30	106	213	319	425	532	9	17	26	35	43
400	9500	60	6.15	104	208	312	415	519	8	17	25	34	42
440	9500	60	6.00	101	203	304	406	507	8	16	25	33	41
480	9500	60	5.86	99	198	297	396	495	8	16	24	32	40
520	9500	60	5.73	97	194	290	387	484	8	16	24	31	39
560	9500	60	5.60	95	189	284	378	473	8	15	23	31	38

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	10000	60	6.71	113	227	340	453	567	9	18	26	35	44
400	10000	60	6.55	111	221	332	443	553	9	17	26	34	43
440	10000	60	6.40	108	216	324	432	540	8	17	25	33	42
480	10000	60	6.25	106	211	317	422	528	8	16	24	33	41
520	10000	60	6.11	103	206	310	413	516	8	16	24	32	40
560	10000	60	5.97	101	202	303	403	504	8	16	23	31	39
360	10500	60	7.13	120	241	361	482	602	9	18	27	36	45
400	10500	60	6.97	118	235	353	471	588	9	17	26	35	43
440	10500	60	6.80	115	230	345	460	575	8	17	25	34	42
480	10500	60	6.65	112	225	337	449	561	8	17	25	33	41
520	10500	60	6.50	110	219	329	439	549	8	16	24	32	40
560	10500	60	6.35	107	215	322	429	536	8	16	24	32	39
360	11000	60	7.56	128	256	383	511	639	9	18	27	36	45
400	11000	60	7.39	125	250	374	499	624	9	18	26	35	44
440	11000	60	7.22	122	244	366	488	610	9	17	26	34	43
480	11000	60	7.05	119	238	357	477	596	8	17	25	34	42
520	11000	60	6.89	116	233	349	466	582	8	16	25	33	41
560	11000	60	6.74	114	228	342	455	569	8	16	24	32	40
360	11500	60	8.00	135	270	406	541	676	9	18	28	37	46
400	11500	60	7.82	132	264	396	528	660	9	18	27	36	45
440	11500	60	7.64	129	258	387	516	645	9	17	26	35	44
480	11500	60	7.47	126	252	378	505	631	9	17	26	34	43
520	11500	60	7.30	123	247	370	493	617	8	17	25	33	42
560	11500	60	7.14	121	241	362	482	603	8	16	24	32	41

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

MA-2/A AND MA-3 LAUNCHERS.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	12000	60	8.45	143	285	428	571	714	9	19	28	37	46
400	12000	60	8.26	140	279	419	558	698	9	18	27	36	45
440	12000	60	8.07	136	273	409	545	682	9	18	27	35	44
480	12000	60	7.89	133	267	400	533	667	9	17	26	35	43
520	12000	60	7.72	130	261	391	521	652	8	17	25	34	42
560	12000	60	7.55	127	255	382	510	637	8	16	25	33	41

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER, NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	750	10	2.13	22	25	29	33	36	40	44	47	51	55
400	750	10	2.10	18	22	26	30	33	37	41	45	48	52
440	750	10	2.06	15	19	23	27	31	35	38	42	46	50
480	750	10	2.03	13	16	20	24	28	32	36	40	44	48
520	750	10	2.00	10	14	18	22	26	30	34	38	42	46
560	750	10	1.96	8	12	16	20	24	28	32	37	41	45
360	1000	10	2.68	25	29	33	36	40	44	47	51	55	58
400	1000	10	2.64	22	26	29	33	37	41	45	48	52	56
440	1000	10	2.60	19	23	27	30	34	38	42	46	50	54
480	1000	10	2.56	16	20	24	28	32	36	40	44	48	52
520	1000	10	2.52	13	17	21	25	29	34	38	42	46	50
560	1000	10	2.48	11	15	19	23	27	31	36	40	44	48
360	1250	10	3.28	29	33	37	40	44	48	51	55	59	62
400	1250	10	3.23	26	29	33	37	41	45	48	52	56	60
440	1250	10	3.19	22	26	30	34	38	42	46	50	53	57
480	1250	10	3.14	19	23	27	31	35	39	43	47	51	55
520	1250	10	3.09	17	21	25	29	33	37	41	45	49	53
560	1250	10	3.05	14	18	22	27	31	35	39	43	47	51
360	1500	10	3.91	33	37	41	44	48	52	55	59	63	66
400	1500	10	3.86	30	34	37	41	45	49	52	56	60	64
440	1500	10	3.81	26	30	34	38	42	46	50	53	57	61
480	1500	10	3.75	23	27	31	35	39	43	47	51	55	59
520	1500	10	3.70	20	24	29	33	37	41	45	49	53	57
560	1500	10	3.65	18	22	26	30	34	38	43	47	51	55

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	15	2.04	20	24	28	31	35	39	42	46	50	53
400	1000	15	2.00	17	21	25	28	32	36	40	43	47	51
440	1000	15	1.96	14	18	22	26	30	33	37	41	45	49
480	1000	15	1.93	11	15	19	23	27	31	35	39	43	47
520	1000	15	1.89	9	13	17	21	25	29	33	37	41	45
560	1000	15	1.86	6	11	15	19	23	27	31	35	40	44
360	1250	15	2.43	23	27	30	34	38	41	45	49	52	56
400	1250	15	2.39	20	23	27	31	35	38	42	46	50	53
440	1250	15	2.34	16	20	24	28	32	36	40	44	47	51
480	1250	15	2.30	14	18	22	26	29	33	37	41	45	49
520	1250	15	2.26	11	15	19	23	27	31	35	39	43	48
560	1250	15	2.22	9	13	17	21	25	29	33	38	42	46
360	1500	15	2.85	26	29	33	37	40	44	48	51	55	59
400	1500	15	2.80	22	26	30	33	37	41	45	48	52	56
440	1500	15	2.75	19	23	27	31	34	38	42	46	50	54
480	1500	15	2.70	16	20	24	28	32	36	40	44	48	52
520	1500	15	2.65	13	17	21	26	30	34	38	42	46	50
560	1500	15	2.60	11	15	19	23	27	32	36	40	44	48
360	1750	15	3.29	28	32	36	39	43	47	50	54	58	61
400	1750	15	3.23	25	29	32	36	40	44	47	51	55	59
440	1750	15	3.17	22	25	29	33	37	41	45	49	53	56
480	1750	15	3.12	19	23	26	30	34	38	42	46	50	54
520	1750	15	3.06	16	20	24	28	32	36	40	44	48	52
560	1750	15	3.01	13	17	22	26	30	34	38	42	46	51

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	20	1.71	17	21	24	28	32	35	39	43	46	50
400	1000	20	1.68	14	18	22	25	29	33	37	40	44	48
440	1000	20	1.65	11	15	19	23	27	30	34	38	42	46
480	1000	20	1.62	8	12	16	20	24	28	32	36	40	44
520	1000	20	1.59	6	10	14	18	22	26	30	34	38	43
560	1000	20	1.56	4	8	12	16	20	24	29	33	37	41
360	1500	20	2.30	21	25	28	32	36	39	43	47	50	54
400	1500	20	2.25	18	22	25	29	33	37	40	44	48	52
440	1500	20	2.21	15	19	23	26	30	34	38	42	46	50
480	1500	20	2.17	12	16	20	24	28	32	36	40	44	48
520	1500	20	2.13	10	14	18	22	26	30	34	38	42	46
560	1500	20	2.09	7	11	15	20	24	28	32	36	40	44
360	2000	20	2.95	25	29	33	36	40	43	47	51	54	58
400	2000	20	2.90	22	26	29	33	37	41	44	48	52	56
440	2000	20	2.84	19	22	26	30	34	38	42	46	50	53
480	2000	20	2.79	16	20	24	28	32	35	39	43	47	51
520	2000	20	2.73	13	17	21	25	29	33	37	41	45	50
560	2000	20	2.68	11	15	19	23	27	31	35	40	44	48
360	1500	30	1.77	15	19	23	26	30	34	37	41	45	48
400	1500	30	1.74	12	16	20	24	27	31	35	39	42	46
440	1500	30	1.70	10	13	17	21	25	29	33	37	41	44
480	1500	30	1.67	7	11	15	19	23	27	31	35	39	43

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	2000	30	2.19	18	22	25	29	33	36	40	44	47	51
400	2000	30	2.14	15	19	22	26	30	34	37	41	45	49
440	2000	30	2.10	12	16	20	24	27	31	35	39	43	47
480	2000	30	2.05	9	13	17	21	25	29	33	37	41	45
520	2000	30	2.01	7	11	15	19	23	27	31	35	39	43
560	2000	30	1.97	5	9	13	17	21	25	30	34	38	42
360	2500	30	2.64	20	24	28	31	35	39	42	46	50	53
400	2500	30	2.58	17	21	25	29	32	36	40	44	47	51
440	2500	30	2.53	14	18	22	26	30	34	38	41	45	49
480	2500	30	2.47	12	16	20	23	27	31	35	39	43	47
520	2500	30	2.42	9	13	17	21	25	29	33	37	42	46
560	2500	30	2.38	7	11	15	19	23	28	32	36	40	44
360	3000	30	3.12	23	27	30	34	38	41	45	49	52	56
400	3000	30	3.06	20	24	27	31	35	39	42	46	50	54
440	3000	30	2.99	17	21	25	28	32	36	40	44	48	52
480	3000	30	2.93	14	18	22	26	30	34	38	42	46	50
520	3000	30	2.87	11	15	20	24	28	32	36	40	44	48
560	3000	30	2.81	9	13	17	21	26	30	34	38	42	46
360	3500	30	3.64	26	30	33	37	41	44	48	52	55	59
400	3500	30	3.57	23	26	30	34	38	41	45	49	53	57
440	3500	30	3.49	19	23	27	31	35	39	43	47	50	54
480	3500	30	3.42	17	21	24	28	32	36	40	44	48	52
520	3500	30	3.35	14	18	22	26	30	34	38	42	46	50
560	3500	30	3.28	11	16	20	24	28	32	36	40	45	49

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGLE DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	4000	30	4.20	29	33	37	40	44	48	51	55	59	62
400	4000	30	4.11	26	29	33	37	41	44	48	52	56	60
440	4000	30	4.02	22	26	30	34	38	42	46	49	53	57
480	4000	30	3.94	19	23	27	31	35	39	43	47	51	55
520	4000	30	3.86	17	21	25	29	33	37	41	45	49	53
560	4000	30	3.78	14	18	22	26	31	35	39	43	47	51
360	4500	30	4.79	33	36	40	44	47	51	55	58	62	66
400	4500	30	4.69	29	33	36	40	44	48	52	55	59	63
440	4500	30	4.59	25	29	33	37	41	45	49	53	56	60
480	4500	30	4.50	22	26	30	34	38	42	46	50	54	58
520	4500	30	4.40	19	23	28	32	36	40	44	48	52	56
560	4500	30	4.32	17	21	25	29	33	37	42	46	50	54
360	5000	30	5.41	36	40	44	47	51	55	58	62	66	69
400	5000	30	5.30	32	36	40	44	47	51	55	59	63	66
440	5000	30	5.19	29	33	37	40	44	48	52	56	60	64
480	5000	30	5.08	26	30	34	37	41	45	49	53	57	61
520	5000	30	4.98	23	27	31	35	39	43	47	51	55	59
560	5000	30	4.88	20	24	28	32	36	40	45	49	53	57
360	3000	45	2.33	13	17	21	24	28	32	35	39	43	46
400	3000	45	2.28	11	14	18	22	26	29	33	37	41	44
440	3000	45	2.23	8	12	16	20	23	27	31	35	39	43
480	3000	45	2.18	6	10	14	18	21	25	29	33	37	41

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	3500	45	2.66	15	18	22	26	29	33	37	40	44	48
400	3500	45	2.60	12	16	19	23	27	31	35	38	42	46
440	3500	45	2.54	9	13	17	21	25	29	33	36	40	44
480	3500	45	2.49	7	11	15	19	23	27	31	35	39	43
520	3500	45	2.44	5	9	13	17	21	25	29	33	37	41
360	4000	45	3.01	16	20	24	27	31	35	38	42	46	49
400	4000	45	2.94	13	17	21	25	28	32	36	40	44	47
440	4000	45	2.88	11	15	18	22	26	30	34	38	42	46
480	4000	45	2.81	8	12	16	20	24	28	32	36	40	44
520	4000	45	2.75	6	10	14	18	22	26	30	34	38	43
560	4000	45	2.70	4	8	12	16	20	25	29	33	37	41
360	4500	45	3.38	18	22	25	29	33	36	40	44	47	51
400	4500	45	3.30	15	19	23	26	30	34	38	41	45	49
440	4500	45	3.23	12	16	20	24	28	32	35	39	43	47
480	4500	45	3.16	10	14	18	22	26	30	33	37	41	45
520	4500	45	3.09	7	11	15	20	24	28	32	36	40	44
560	4500	45	3.02	5	9	13	18	22	26	30	34	38	42
360	5000	45	3.77	20	23	27	31	34	38	42	45	49	53
400	5000	45	3.68	17	20	24	28	32	35	39	43	47	51
440	5000	45	3.60	14	18	22	25	29	33	37	41	45	49
480	5000	45	3.52	11	15	19	23	27	31	35	39	43	47
520	5000	45	3.44	9	13	17	21	25	29	33	37	41	45
560	5000	45	3.37	7	11	15	19	23	27	31	36	40	44

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	5500	45	4.17	21	25	29	32	36	40	43	47	51	54
400	5500	45	4.08	18	22	26	30	33	37	41	45	48	52
440	5500	45	3.99	15	19	23	27	31	35	39	43	46	50
480	5500	45	3.90	13	17	21	25	29	33	37	41	45	48
520	5500	45	3.81	10	14	18	22	27	31	35	39	43	47
560	5500	45	3.73	8	12	16	20	25	29	33	37	41	45
360	6000	45	4.60	23	27	31	34	38	42	45	49	53	56
400	6000	45	4.49	20	24	28	32	35	39	43	47	50	54
440	6000	45	4.39	17	21	25	29	33	37	40	44	48	52
480	6000	45	4.29	14	18	22	26	30	34	38	42	46	50
520	6000	45	4.20	12	16	20	24	28	32	36	40	44	48
560	6000	45	4.11	10	14	18	22	26	30	34	39	43	47
360	6500	45	5.04	25	29	33	36	40	44	47	51	55	58
400	6500	45	4.93	22	26	30	33	37	41	45	49	52	56
440	6500	45	4.81	19	23	27	31	35	38	42	46	50	54
480	6500	45	4.71	16	20	24	28	32	36	40	44	48	52
520	6500	45	4.60	14	18	22	26	30	34	38	42	46	50
560	6500	45	4.50	11	15	20	24	28	32	36	40	44	49
360	7000	45	5.50	28	31	35	39	42	46	50	53	57	61
400	7000	45	5.38	24	28	32	36	39	43	47	51	54	58
440	7000	45	5.25	21	25	29	33	37	40	44	48	52	56
480	7000	45	5.14	18	22	26	30	34	38	42	46	50	54
520	7000	45	5.03	15	20	24	28	32	36	40	44	48	52
560	7000	45	4.92	13	17	21	25	30	34	38	42	46	50

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	7500	45	5.98	30	34	37	41	45	48	52	56	59	63
400	7500	45	5.84	26	30	34	38	41	45	49	53	57	60
440	7500	45	5.71	23	27	31	35	39	42	46	50	54	58
480	7500	45	5.59	20	24	28	32	36	40	44	48	52	56
520	7500	45	5.46	17	21	25	30	34	38	42	46	50	54
560	7500	45	5.35	15	19	23	27	31	35	40	44	48	52
360	8000	45	6.47	32	36	40	43	47	51	54	58	62	65
400	8000	45	6.32	29	32	36	40	44	47	51	55	59	63
440	8000	45	6.19	25	29	33	37	41	45	49	52	56	60
480	8000	45	6.05	22	26	30	34	38	42	46	50	54	58
520	8000	45	5.92	19	23	27	32	36	40	44	48	52	56
560	8000	45	5.79	17	21	25	29	33	37	42	46	50	54
360	5000	60	3.10	9	12	16	20	23	27	31	34	38	42
400	5000	60	3.03	6	10	14	18	21	25	29	33	36	40
440	5000	60	2.96	4	8	12	16	20	23	27	31	35	39
480	5000	60	2.89	2	6	10	14	18	22	26	30	34	38
360	5500	60	3.41	10	13	17	21	24	28	32	35	39	43
400	5500	60	3.33	7	11	15	18	22	26	30	34	37	41
440	5500	60	3.25	5	9	13	17	20	24	28	32	36	40
480	5500	60	3.17	3	7	11	15	19	23	27	31	35	38
520	5500	60	3.10	1	5	9	13	17	21	25	29	33	37

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	6000	60	3.73	11	14	18	22	25	29	33	36	40	44
400	6000	60	3.64	8	12	16	19	23	27	31	34	38	42
440	6000	60	3.55	6	10	14	17	21	25	29	33	37	41
480	6000	60	3.47	4	8	12	16	20	23	27	31	35	39
520	6000	60	3.39	2	6	10	14	18	22	26	30	34	38
560	6000	60	3.32	-0	4	8	12	16	21	25	29	33	37
360	6500	60	4.06	12	15	19	23	26	30	34	37	41	45
400	6500	60	3.96	9	13	17	20	24	28	32	35	39	43
440	6500	60	3.87	7	11	14	18	22	26	30	34	38	42
480	6500	60	3.78	5	8	12	16	20	24	28	32	36	40
520	6500	60	3.69	2	7	11	15	19	23	27	31	35	39
560	6500	60	3.61	1	5	9	13	17	21	25	30	34	38
360	7000	60	4.40	13	16	20	24	27	31	35	38	42	46
400	7000	60	4.30	10	14	18	21	25	29	33	36	40	44
440	7000	60	4.19	8	12	15	19	23	27	31	35	39	42
480	7000	60	4.10	5	9	13	17	21	25	29	33	37	41
520	7000	60	4.00	3	7	11	16	20	24	28	32	36	40
560	7000	60	3.91	1	6	10	14	18	22	26	30	35	39
360	7500	60	4.76	14	17	21	25	28	32	36	39	43	47
400	7500	60	4.64	11	15	19	22	26	30	34	38	41	45
440	7500	60	4.53	9	13	16	20	24	28	32	36	40	44
480	7500	60	4.43	6	10	14	18	22	26	30	34	38	42
520	7500	60	4.33	4	8	12	16	21	25	29	33	37	41
560	7500	60	4.23	2	6	11	15	19	23	27	31	35	40

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	8000	60	5.12	15	19	22	26	30	33	37	41	44	48
400	8000	60	5.00	12	16	20	24	27	31	35	39	42	46
440	8000	60	4.88	10	14	17	21	25	29	33	37	41	45
480	8000	60	4.77	7	11	15	19	23	27	31	35	39	43
520	8000	60	4.66	5	9	13	17	21	26	30	34	38	42
560	8000	60	4.56	3	7	12	16	20	24	28	32	36	41
360	8500	60	5.50	16	20	23	27	31	34	38	42	45	49
400	8500	60	5.37	13	17	21	25	28	32	36	40	44	47
440	8500	60	5.25	11	15	19	22	26	30	34	38	42	46
480	8500	60	5.12	8	12	16	20	24	28	32	36	40	44
520	8500	60	5.01	6	10	14	18	23	27	31	35	39	43
560	8500	60	4.89	4	8	13	17	21	25	29	33	37	42
360	9000	60	5.90	17	21	25	28	32	36	39	43	47	50
400	9000	60	5.75	15	18	22	26	30	33	37	41	45	49
440	9000	60	5.62	12	16	20	24	27	31	35	39	43	47
480	9000	60	5.49	10	14	18	21	25	29	33	37	41	45
520	9000	60	5.36	7	11	15	20	24	28	32	36	40	44
560	9000	60	5.24	5	9	14	18	22	26	30	34	38	43
360	9500	60	6.30	19	22	26	30	33	37	41	44	48	52
400	9500	60	6.15	16	20	23	27	31	35	38	42	46	50
440	9500	60	6.00	13	17	21	25	29	33	36	40	44	48
480	9500	60	5.86	11	15	19	23	27	31	35	38	42	46
520	9500	60	5.73	8	12	17	21	25	29	33	37	41	45
560	9500	60	5.60	6	10	15	19	23	27	31	35	39	44

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	10000	60	6.71	20	24	27	31	35	38	42	46	49	53
400	10000	60	6.55	17	21	25	28	32	36	40	44	47	51
440	10000	60	6.40	14	18	22	26	30	34	38	42	45	49
480	10000	60	6.25	12	16	20	24	28	32	36	40	44	48
520	10000	60	6.11	10	14	18	22	26	30	34	38	42	46
560	10000	60	5.97	7	12	16	20	24	28	32	36	41	45
360	10500	60	7.13	22	25	29	33	36	40	44	47	51	54
400	10500	60	6.97	19	22	26	30	34	37	41	45	49	52
440	10500	60	6.80	16	20	24	27	31	35	39	43	47	51
480	10500	60	6.65	13	17	21	25	29	33	37	41	45	49
520	10500	60	6.50	11	15	19	23	27	31	35	39	43	47
560	10500	60	6.35	9	13	17	21	25	29	33	38	42	46
360	11000	60	7.56	23	27	30	34	38	41	45	49	52	56
400	11000	60	7.39	20	24	27	31	35	39	43	46	50	54
440	11000	60	7.22	17	21	25	29	33	36	40	44	48	52
480	11000	60	7.05	14	18	22	26	30	34	38	42	46	50
520	11000	60	6.89	12	16	20	24	28	32	36	40	44	49
560	11000	60	6.74	10	14	18	22	26	30	35	39	43	47
360	11500	60	8.00	24	28	32	35	39	43	46	50	54	57
400	11500	60	7.82	21	25	29	33	36	40	44	48	52	55
440	11500	60	7.64	18	22	26	30	34	38	42	46	49	53
480	11500	60	7.47	16	20	24	28	32	36	40	44	48	51
520	11500	60	7.30	13	17	21	25	29	34	38	42	46	50
560	11500	60	7.14	11	15	19	23	27	32	36	40	44	48

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LA[illegible]/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION.

TAS	ALT ABOVE TGT.	DIVE ANGLE	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	12000	60	8.45	26	30	33	37	41	44	48	52	55	59
400	12000	60	8.26	23	27	30	34	38	42	45	49	53	57
440	12000	60	8.07	20	24	28	32	35	39	43	47	51	55
480	12000	60	7.89	17	21	25	29	33	37	41	45	49	53
520	12000	60	7.72	15	19	23	27	31	35	39	43	47	51
560	12000	60	7.55	12	16	20	25	29	33	37	41	45	49

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	750	10	2.13	3462	3499	3537	3575	3615	3379	3417	3456	3496	3536
400	750	10	2.10	3513	3548	3584	3620	3657	3432	3468	3504	3541	3579
440	750	10	2.06	3562	3594	3627	3660	3695	3482	3515	3549	3583	3618
480	750	10	2.03	3607	3637	3667	3698	3729	3529	3559	3590	3621	3653
520	750	10	2.00	3650	3677	3705	3733	3761	3572	3600	3628	3657	3686
560	750	10	1.96	3691	3715	3740	3765	3791	3614	3639	3664	3690	3716
360	1000	10	2.68	4531	4578	4627	4677	4728	4419	4468	4518	4569	4621
400	1000	10	2.64	4600	4644	4690	4736	4784	4490	4535	4582	4629	4678
440	1000	10	2.60	4664	4706	4748	4791	4835	4556	4598	4641	4686	4730
480	1000	10	2.56	4725	4764	4802	4842	4882	4618	4657	4697	4738	4779
520	1000	10	2.52	4783	4818	4853	4889	4926	4677	4713	4749	4786	4823
560	1000	10	2.48	4837	4869	4901	4933	4966	4733	4765	4798	4831	4864
360	1250	10	3.28	5561	5618	5676	5736	5797	5418	5477	5537	5598	5661
400	1250	10	3.23	5646	5700	5755	5811	5868	5506	5561	5617	5675	5733
440	1250	10	3.19	5727	5777	5828	5880	5933	5589	5640	5692	5746	5800
480	1250	10	3.14	5804	5850	5897	5944	5993	5668	5715	5763	5812	5861
520	1250	10	3.09	5876	5919	5961	6005	6049	5742	5785	5829	5873	5918
560	1250	10	3.05	5945	5983	6022	6061	6101	5812	5851	5891	5931	5971
360	1500	10	3.91	6547	6613	6681	6750	6820	6373	6441	6510	6581	6653
400	1500	10	3.86	6650	6712	6775	6840	6905	6478	6542	6607	6673	6740
440	1500	10	3.81	6747	6805	6863	6923	6984	6578	6637	6697	6759	6821
480	1500	10	3.75	6839	6892	6947	7002	7058	6673	6727	6783	6839	6896
520	1500	10	3.70	6927	6976	7025	7075	7126	6762	6812	6863	6914	6966
560	1500	10	3.65	7010	7054	7099	7144	7190	6847	6893	6938	6985	7032

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	1000	15	2.04	3338	3363	3389	3415	3441	3185	3211	3238	3265	3293
400	1000	15	2.00	3373	3396	3420	3444	3468	3221	3246	3270	3296	3321
440	1000	15	1.96	3405	3427	3448	3471	3493	3255	3277	3300	3323	3347
480	1000	15	1.93	3435	3455	3475	3495	3515	3286	3307	3328	3349	3370
520	1000	15	1.89	3463	3481	3499	3517	3536	3316	3334	3353	3372	3392
560	1000	15	1.86	3489	3506	3522	3538	3555	3343	3360	3377	3394	3411
360	1250	15	2.43	4134	4164	4196	4228	4260	3940	3972	4005	4039	4073
400	1250	15	2.39	4177	4206	4235	4265	4295	3986	4016	4047	4077	4109
440	1250	15	2.34	4218	4245	4271	4299	4326	4029	4056	4084	4113	4142
480	1250	15	2.30	4256	4280	4305	4330	4355	4069	4094	4119	4145	4172
520	1250	15	2.26	4292	4314	4336	4358	4381	4106	4129	4152	4175	4199
560	1250	15	2.22	4325	4345	4365	4385	4405	4140	4161	4182	4203	4224
360	1500	15	2.85	4915	4951	4988	5026	5064	4681	4719	4757	4797	4837
400	1500	15	2.80	4968	5002	5036	5071	5106	4736	4772	4808	4844	4881
440	1500	15	2.75	5017	5049	5080	5112	5145	4788	4821	4854	4887	4921
480	1500	15	2.70	5064	5092	5121	5150	5180	4837	4866	4897	4927	4958
520	1500	15	2.65	5107	5133	5159	5186	5212	4882	4909	4936	4964	4992
560	1500	15	2.60	5148	5171	5195	5218	5242	4924	4949	4973	4998	5023
360	1750	15	3.29	5681	5722	5765	5808	5851	5405	5448	5493	5538	5583
400	1750	15	3.23	5743	5782	5821	5861	5901	5470	5511	5552	5594	5636
440	1750	15	3.17	5802	5837	5874	5910	5947	5531	5569	5607	5645	5684
480	1750	15	3.12	5857	5889	5922	5956	5990	5589	5623	5658	5693	5728
520	1750	15	3.06	5908	5938	5968	5998	6029	5643	5674	5705	5737	5769
560	1750	15	3.01	5956	5983	6010	6037	6065	5693	5721	5749	5778	5807

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	1000	20	1.71	2644	2659	2675	2691	2707	2448	2464	2481	2498	2515
400	1000	20	1.68	2664	2679	2693	2707	2722	2470	2485	2500	2516	2532
440	1000	20	1.65	2683	2696	2709	2723	2736	2490	2504	2518	2532	2547
480	1000	20	1.62	2701	2712	2724	2736	2749	2509	2521	2534	2547	2560
520	1000	20	1.59	2717	2727	2738	2749	2760	2526	2538	2549	2561	2573
560	1000	20	1.56	2732	2741	2751	2761	2770	2542	2552	2563	2573	2584
360	1500	20	2.30	3921	3943	3966	3989	4012	3623	3647	3671	3696	3721
400	1500	20	2.25	3952	3973	3994	4015	4036	3656	3679	3701	3724	3747
440	1500	20	2.21	3981	4000	4019	4038	4058	3687	3708	3729	3749	3771
480	1500	20	2.17	4007	4025	4042	4060	4078	3716	3735	3754	3773	3792
520	1500	20	2.13	4032	4048	4064	4080	4096	3743	3760	3777	3794	3811
560	1500	20	2.09	4055	4069	4084	4098	4112	3768	3783	3798	3813	3829
360	2000	20	2.95	5172	5201	5231	5261	5291	4770	4802	4834	4866	4899
400	2000	20	2.90	5215	5242	5269	5297	5324	4816	4845	4875	4904	4935
440	2000	20	2.84	5254	5279	5304	5329	5355	4858	4885	4912	4940	4967
480	2000	20	2.79	5291	5313	5336	5359	5382	4898	4922	4947	4972	4997
520	2000	20	2.73	5325	5345	5366	5387	5408	4935	4957	4979	5002	5024
560	2000	20	2.68	5357	5375	5393	5412	5431	4969	4989	5009	5029	5049
360	1500	30	1.77	2821	2831	2842	2853	2864	2389	2401	2414	2427	2440
400	1500	30	1.74	2834	2844	2854	2864	2874	2405	2416	2428	2439	2451
440	1500	30	1.70	2847	2855	2864	2874	2883	2419	2430	2440	2451	2462
480	1500	30	1.67	2858	2866	2874	2882	2891	2433	2442	2452	2461	2471

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	2000	30	2.19	3743	3757	3771	3785	3800	3164	3180	3197	3214	3231
400	2000	30	2.14	3761	3774	3787	3800	3813	3185	3200	3216	3231	3247
440	2000	30	2.10	3778	3790	3801	3813	3825	3205	3219	3233	3247	3261
480	2000	30	2.05	3794	3804	3815	3826	3837	3223	3236	3249	3261	3274
520	2000	30	2.01	3808	3818	3827	3837	3847	3240	3252	3263	3274	3286
560	2000	30	1.97	3821	3830	3838	3847	3856	3256	3266	3276	3286	3297
360	2500	30	2.64	4657	4675	4692	4710	4727	3929	3950	3971	3991	4012
400	2500	30	2.58	4681	4697	4713	4729	4745	3957	3976	3995	4014	4033
440	2500	30	2.53	4702	4717	4731	4746	4761	3982	4000	4017	4034	4052
480	2500	30	2.47	4722	4735	4749	4762	4775	4006	4022	4037	4053	4069
520	2500	30	2.42	4741	4753	4764	4776	4789	4028	4042	4056	4070	4084
560	2500	30	2.38	4758	4768	4779	4790	4801	4048	4061	4073	4086	4098
360	3000	30	3.12	5563	5584	5604	5625	5646	4685	4709	4734	4758	4783
400	3000	30	3.06	5592	5611	5630	5649	5668	4719	4741	4764	4786	4809
440	3000	30	2.99	5618	5635	5653	5670	5688	4750	4771	4791	4812	4833
480	3000	30	2.93	5643	5659	5674	5690	5706	4779	4798	4816	4835	4854
520	3000	30	2.87	5666	5680	5694	5708	5723	4806	4823	4840	4856	4873
560	3000	30	2.81	5687	5700	5712	5725	5738	4831	4846	4861	4876	4891
360	3500	30	3.64	6459	6483	6507	6531	6555	5429	5457	5485	5514	5542
400	3500	30	3.57	6493	6515	6537	6559	6582	5469	5495	5521	5547	5574
440	3500	30	3.49	6525	6545	6565	6585	6606	5507	5531	5554	5578	5602
480	3500	30	3.42	6555	6573	6591	6609	6628	5542	5563	5585	5607	5628
520	3500	30	3.35	6582	6599	6615	6631	6648	5575	5594	5613	5633	5652
560	3500	30	3.28	6608	6622	6637	6652	6667	5605	5622	5639	5656	5674

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	4000	30	4.20	7344	7371	7398	7425	7452	6159	6191	6223	6255	6288
400	4000	30	4.11	7384	7409	7434	7459	7484	6207	6236	6266	6296	6325
440	4000	30	4.02	7422	7444	7467	7490	7513	6251	6278	6305	6332	6359
480	4000	30	3.94	7457	7477	7498	7518	7539	6293	6317	6341	6366	6391
520	4000	30	3.86	7489	7507	7526	7545	7563	6331	6353	6375	6397	6419
560	4000	30	3.78	7519	7536	7552	7569	7586	6367	6387	6406	6426	6445
360	4500	30	4.79	8217	8247	8277	8307	8338	6876	6911	6947	6983	7019
400	4500	30	4.69	8264	8291	8319	8346	8374	6931	6964	6996	7029	7063
440	4500	30	4.59	8307	8332	8357	8383	8408	6982	7012	7042	7072	7103
480	4500	30	4.50	8347	8370	8393	8416	8439	7031	7058	7085	7112	7139
520	4500	30	4.40	8385	8406	8426	8447	8468	7075	7100	7124	7149	7173
560	4500	30	4.32	8420	8439	8457	8476	8494	7117	7139	7161	7182	7204
360	5000	30	5.41	9078	9110	9143	9176	9209	7577	7616	7655	7694	7734
400	5000	30	5.30	9131	9161	9191	9221	9252	7640	7676	7712	7748	7785
440	5000	30	5.19	9180	9207	9235	9263	9291	7699	7732	7764	7798	7831
480	5000	30	5.08	9226	9251	9276	9302	9327	7754	7784	7813	7843	7874
520	5000	30	4.98	9270	9292	9315	9337	9360	7805	7832	7859	7886	7913
560	5000	30	4.88	9310	9330	9350	9371	9391	7854	7877	7901	7925	7950
360	3000	45	2.33	4099	4108	4117	4127	4136	2794	2807	2820	2833	2847
400	3000	45	2.28	4110	4118	4126	4135	4143	2809	2821	2833	2845	2857
440	3000	45	2.23	4119	4127	4134	4142	4150	2823	2834	2845	2856	2867
480	3000	45	2.18	4128	4135	4142	4149	4156	2836	2846	2856	2866	2876

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	3500	45	2.66	4775	4786	4796	4807	4817	3248	3264	3279	3295	3310
400	3500	45	2.60	4787	4797	4807	4816	4826	3266	3280	3295	3309	3323
440	3500	45	2.54	4799	4808	4816	4825	4834	3283	3296	3309	3322	3334
480	3500	45	2.49	4810	4817	4825	4833	4841	3299	3310	3322	3333	3345
520	3500	45	2.44	4819	4826	4834	4841	4848	3313	3323	3334	3344	3354
360	4000	45	3.01	5449	5460	5472	5484	5497	3700	3717	3735	3752	3770
400	4000	45	2.94	5463	5474	5485	5496	5507	3721	3737	3753	3769	3785
440	4000	45	2.88	5476	5486	5496	5506	5516	3740	3755	3769	3784	3799
480	4000	45	2.81	5489	5498	5507	5516	5525	3759	3772	3785	3798	3811
520	4000	45	2.75	5500	5508	5516	5525	5533	3775	3787	3799	3811	3823
560	4000	45	2.70	5511	5518	5525	5533	5540	3791	3801	3812	3822	3833
360	4500	45	3.38	6120	6133	6146	6160	6173	4147	4167	4187	4206	4226
400	4500	45	3.30	6136	6148	6161	6173	6186	4172	4190	4208	4226	4244
440	4500	45	3.23	6152	6163	6174	6185	6196	4194	4211	4227	4243	4260
480	4500	45	3.16	6166	6176	6186	6196	6206	4215	4230	4245	4259	4274
520	4500	45	3.09	6179	6188	6197	6206	6215	4235	4248	4261	4274	4287
560	4500	45	3.02	6191	6199	6208	6216	6224	4253	4264	4276	4288	4300
360	5000	45	3.77	6788	6803	6818	6833	6848	4591	4613	4635	4657	4679
400	5000	45	3.68	6807	6820	6834	6848	6861	4619	4639	4659	4679	4699
440	5000	45	3.60	6824	6837	6849	6861	6874	4645	4663	4681	4699	4717
480	5000	45	3.52	6841	6852	6863	6874	6885	4668	4685	4701	4717	4734
520	5000	45	3.44	6856	6866	6876	6886	6896	4690	4705	4720	4734	4749
560	5000	45	3.37	6870	6879	6888	6897	6906	4711	4724	4737	4750	4763

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	5500	45	4.17	7454	7470	7486	7502	7519	5031	5055	5078	5103	5127
400	5500	45	4.08	7475	7490	7505	7519	7535	5062	5084	5106	5128	5150
440	5500	45	3.99	7494	7508	7521	7535	7549	5091	5111	5131	5151	5171
480	5500	45	3.90	7513	7525	7537	7550	7562	5118	5136	5154	5172	5190
520	5500	45	3.81	7530	7541	7552	7563	7574	5143	5159	5175	5191	5207
560	5500	45	3.73	7546	7555	7565	7575	7585	5166	5180	5194	5209	5223
360	6000	45	4.60	8116	8134	8151	8169	8187	5466	5492	5518	5544	5570
400	6000	45	4.49	8140	8156	8172	8188	8205	5501	5524	5548	5572	5596
440	6000	45	4.39	8162	8176	8191	8206	8221	5533	5555	5576	5598	5620
480	6000	45	4.29	8182	8195	8209	8222	8236	5563	5583	5602	5622	5641
520	6000	45	4.20	8201	8213	8225	8237	8249	5591	5609	5626	5643	5661
560	6000	45	4.11	8219	8230	8240	8251	8262	5617	5633	5648	5664	5679
360	6500	45	5.04	8776	8795	8813	8832	8852	5896	5924	5952	5980	6008
400	6500	45	4.93	8802	8819	8836	8854	8871	5935	5960	5986	6012	6038
440	6500	45	4.81	8826	8842	8858	8874	8890	5971	5994	6017	6041	6064
480	6500	45	4.71	8849	8863	8877	8892	8906	6004	6025	6046	6067	6088
520	6500	45	4.60	8870	8883	8896	8908	8921	6035	6054	6073	6092	6111
560	6500	45	4.50	8890	8901	8912	8924	8936	6064	6081	6098	6115	6131
360	7000	45	5.50	9432	9452	9472	9492	9513	6321	6351	6381	6411	6442
400	7000	45	5.38	9460	9479	9497	9516	9535	6364	6391	6419	6446	6474
440	7000	45	5.25	9487	9504	9521	9538	9555	6404	6429	6454	6479	6504
480	7000	45	5.14	9512	9527	9543	9558	9574	6441	6463	6486	6508	6531
520	7000	45	5.03	9536	9549	9563	9577	9591	6475	6495	6515	6536	6556
560	7000	45	4.92	9557	9570	9582	9594	9607	6507	6525	6543	6561	6579

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	7500	45	5.98	10084	10105	10127	10149	10171	6741	6773	6805	6837	6869
400	7500	45	5.84	10116	10135	10155	10175	10195	6788	6817	6846	6876	6905
440	7500	45	5.71	10145	10163	10181	10199	10217	6831	6858	6885	6911	6938
480	7500	45	5.59	10172	10189	10205	10221	10238	6872	6896	6920	6944	6969
520	7500	45	5.46	10198	10213	10227	10242	10257	6910	6932	6953	6975	6997
560	7500	45	5.35	10222	10235	10248	10261	10274	6945	6965	6984	7003	7022
360	8000	45	6.47	10733	10755	10778	10801	10824	7155	7189	7223	7257	7291
400	8000	45	6.32	10767	10788	10809	10830	10851	7206	7237	7268	7300	7331
440	8000	45	6.19	10799	10818	10837	10856	10876	7254	7282	7310	7339	7367
480	8000	45	6.05	10829	10846	10864	10881	10898	7298	7324	7350	7375	7401
520	8000	45	5.92	10857	10873	10888	10904	10919	7340	7363	7386	7409	7432
560	8000	45	5.79	10883	10897	10911	10925	10939	7379	7399	7420	7440	7461
360	5000	60	3.10	5674	5681	5688	5696	5703	2682	2697	2712	2727	2743
400	5000	60	3.03	5681	5688	5694	5701	5708	2697	2711	2725	2739	2752
440	5000	60	2.96	5688	5694	5700	5706	5712	2711	2723	2736	2749	2761
480	5000	60	2.89	5694	5699	5705	5710	5716	2724	2735	2747	2758	2769
360	5500	60	3.41	6238	6246	6254	6262	6270	2943	2959	2976	2993	3010
400	5500	60	3.33	6246	6253	6260	6268	6275	2960	2975	2990	3005	3021
440	5500	60	3.25	6253	6260	6266	6273	6280	2975	2989	3003	3017	3031
480	5500	60	3.17	6260	6266	6272	6278	6284	2990	3002	3015	3027	3040
520	5500	60	3.10	6267	6272	6277	6283	6288	3004	3015	3026	3037	3048

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	6000	60	3.73	6801	6810	6818	6827	6836	3202	3220	3239	3257	3275
400	6000	60	3.64	6810	6818	6826	6834	6842	3221	3238	3254	3271	3287
440	6000	60	3.55	6818	6825	6832	6840	6847	3238	3253	3268	3283	3299
480	6000	60	3.47	6826	6832	6839	6845	6852	3255	3268	3282	3295	3309
520	6000	60	3.39	6833	6839	6845	6850	6856	3270	3282	3294	3306	3318
560	6000	60	3.32	6840	6845	6850	6855	6860	3284	3294	3305	3316	3327
360	6500	60	4.06	7363	7373	7382	7391	7401	3460	3480	3499	3519	3539
400	6500	60	3.96	7373	7382	7390	7399	7407	3481	3499	3517	3535	3553
440	6500	60	3.87	7382	7390	7398	7406	7413	3500	3516	3532	3549	3565
480	6500	60	3.78	7391	7398	7405	7412	7419	3518	3532	3547	3562	3576
520	6500	60	3.69	7399	7405	7411	7418	7424	3534	3548	3561	3574	3587
560	6500	60	3.61	7406	7412	7417	7423	7429	3550	3561	3573	3585	3596
360	7000	60	4.40	7925	7935	7945	7955	7965	3716	3737	3758	3779	3801
400	7000	60	4.30	7936	7945	7954	7963	7973	3739	3758	3777	3797	3816
440	7000	60	4.19	7946	7954	7962	7971	7979	3760	3777	3795	3812	3830
480	7000	60	4.10	7955	7963	7970	7978	7985	3779	3795	3811	3827	3842
520	7000	60	4.00	7964	7971	7977	7984	7991	3798	3812	3826	3840	3854
560	7000	60	3.91	7972	7978	7984	7990	7996	3815	3827	3840	3852	3865
360	7500	60	4.76	8486	8497	8507	8518	8529	3970	3993	4015	4038	4061
400	7500	60	4.64	8498	8507	8517	8527	8537	3995	4015	4036	4057	4078
440	7500	60	4.53	8508	8517	8526	8535	8544	4018	4037	4055	4074	4093
480	7500	60	4.43	8519	8527	8535	8543	8551	4039	4056	4073	4090	4107
520	7500	60	4.33	8528	8535	8542	8550	8557	4059	4074	4089	4105	4120
560	7500	60	4.23	8537	8543	8550	8556	8563	4078	4091	4105	4118	4131

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	8000	60	5.12	9046	9057	9068	9080	9091	4222	4246	4270	4295	4319
400	8000	60	5.00	9058	9069	9079	9090	9100	4249	4271	4293	4315	4337
440	8000	60	4.88	9070	9080	9089	9099	9108	4274	4294	4314	4334	4354
480	8000	60	4.77	9081	9090	9098	9107	9116	4298	4316	4333	4351	4370
520	8000	60	4.66	9092	9099	9107	9115	9122	4319	4335	4351	4368	4384
560	8000	60	4.56	9101	9108	9115	9122	9129	4340	4354	4368	4382	4397
360	8500	60	5.50	9605	9617	9629	9641	9653	4472	4498	4523	4549	4575
400	8500	60	5.37	9618	9629	9640	9651	9663	4501	4525	4548	4572	4595
440	8500	60	5.25	9631	9641	9651	9661	9671	4529	4550	4571	4592	4613
480	8500	60	5.12	9643	9652	9661	9670	9679	4554	4573	4592	4611	4630
520	8500	60	5.01	9654	9662	9670	9679	9687	4578	4595	4612	4629	4646
560	8500	60	4.89	9665	9672	9679	9686	9694	4600	4615	4630	4645	4660
360	9000	60	5.90	10163	10175	10188	10201	10213	4720	4747	4774	4801	4829
400	9000	60	5.75	10177	10189	10200	10212	10224	4752	4776	4801	4826	4851
440	9000	60	5.62	10191	10202	10212	10223	10233	4781	4803	4826	4848	4871
480	9000	60	5.49	10204	10213	10223	10233	10242	4808	4829	4849	4869	4889
520	9000	60	5.36	10216	10225	10233	10242	10250	4834	4852	4870	4888	4906
560	9000	60	5.24	10227	10235	10243	10250	10258	4858	4874	4890	4906	4922
360	9500	60	6.30	10720	10733	10746	10759	10773	4966	4994	5023	5051	5080
400	9500	60	6.15	10735	10747	10760	10772	10784	5000	5026	5052	5078	5104
440	9500	60	6.00	10750	10761	10772	10783	10795	5031	5055	5079	5102	5126
480	9500	60	5.86	10764	10774	10784	10794	10804	5061	5082	5103	5125	5146
520	9500	60	5.73	10777	10786	10795	10804	10813	5089	5108	5127	5146	5165
560	9500	60	5.60	10789	10797	10805	10813	10821	5114	5131	5148	5165	5182

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	10000	60	6.71	11275	11289	11303	11317	11331	5209	5239	5269	5299	5329
400	10000	60	6.55	11292	11305	11318	11331	11344	5246	5273	5300	5328	5355
440	10000	60	6.40	11308	11320	11331	11343	11355	5280	5304	5329	5354	5379
480	10000	60	6.25	11323	11333	11344	11355	11365	5311	5334	5356	5378	5401
520	10000	60	6.11	11337	11346	11356	11365	11375	5341	5361	5381	5401	5421
560	10000	60	5.97	11350	11358	11367	11375	11384	5369	5386	5404	5422	5440
360	10500	60	7.13	11830	11845	11859	11874	11889	5450	5481	5513	5544	5576
400	10500	60	6.97	11848	11862	11875	11888	11902	5489	5518	5546	5575	5604
440	10500	60	6.80	11865	11877	11889	11902	11914	5525	5551	5578	5604	5630
480	10500	60	6.65	11881	11892	11903	11914	11925	5560	5583	5606	5630	5653
520	10500	60	6.50	11896	11906	11916	11926	11936	5592	5612	5633	5654	5675
560	10500	60	6.35	11910	11919	11928	11936	11945	5621	5640	5658	5677	5696
360	11000	60	7.56	12384	12399	12414	12430	12445	5689	5721	5754	5787	5820
400	11000	60	7.39	12403	12417	12431	12445	12459	5730	5760	5790	5820	5851
440	11000	60	7.22	12421	12434	12446	12459	12472	5769	5796	5824	5851	5878
480	11000	60	7.05	12438	12450	12461	12473	12484	5806	5830	5855	5879	5904
520	11000	60	6.89	12454	12464	12475	12485	12495	5840	5862	5884	5906	5927
560	11000	60	6.74	12469	12478	12487	12497	12506	5872	5891	5910	5930	5949
360	11500	60	8.00	12936	12952	12968	12984	13000	5925	5959	5993	6028	6062
400	11500	60	7.82	12957	12971	12986	13000	13015	5969	6000	6032	6063	6095
440	11500	60	7.64	12976	12989	13002	13016	13029	6011	6039	6067	6096	6124
480	11500	60	7.47	12994	13006	13018	13030	13042	6049	6075	6101	6126	6152
520	11500	60	7.30	13011	13022	13033	13043	13054	6086	6109	6132	6155	6177
560	11500	60	7.14	13027	13037	13046	13056	13065	6120	6140	6160	6181	6201

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	12000	60	8.45	13488	13504	13521	13537	13554	6158	6194	6230	6266	6302
400	12000	60	8.26	13510	13525	13540	13555	13570	6205	6238	6271	6303	6336
440	12000	60	8.07	13530	13544	13557	13571	13585	6250	6279	6309	6338	6368
480	12000	60	7.89	13549	13561	13574	13586	13599	6291	6318	6344	6371	6398
520	12000	60	7.72	13567	13578	13589	13601	13612	6330	6354	6377	6401	6425
560	12000	60	7.55	13584	13594	13604	13614	13624	6366	6387	6408	6429	6451

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	750	10	2.13	36	72	108	144	180	2	4	6	8	10
400	750	10	2.10	35	71	106	142	177	2	4	6	8	10
440	750	10	2.06	35	70	104	139	174	2	4	6	7	9
480	750	10	2.03	34	69	103	137	171	2	4	5	7	9
520	750	10	2.00	34	67	101	135	169	2	4	5	7	9
560	750	10	1.96	33	66	100	133	166	2	3	5	7	9
360	1000	10	2.68	45	91	136	181	227	2	4	6	8	10
400	1000	10	2.64	45	89	134	179	223	2	4	6	8	10
440	1000	10	2.60	44	88	132	176	220	2	4	6	7	9
480	1000	10	2.56	43	87	130	173	216	2	4	5	7	9
520	1000	10	2.52	43	85	128	170	213	2	3	5	7	9
560	1000	10	2.48	42	84	126	168	210	2	3	5	7	8
360	1250	10	3.28	55	111	166	221	277	2	4	6	8	10
400	1250	10	3.23	55	109	164	218	273	2	4	6	8	10
440	1250	10	3.19	54	108	161	215	269	2	4	6	7	9
480	1250	10	3.14	53	106	159	212	265	2	4	5	7	9
520	1250	10	3.09	52	104	157	209	261	2	4	5	7	9
560	1250	10	3.05	51	103	154	206	257	2	3	5	7	9
360	1500	10	3.91	66	132	198	264	330	2	4	6	8	10
400	1500	10	3.86	65	130	196	261	326	2	4	6	8	10
440	1500	10	3.81	64	129	193	257	322	2	4	6	8	10
480	1500	10	3.75	63	127	190	254	317	2	4	6	8	9
520	1500	10	3.70	63	125	188	250	313	2	4	5	7	9
560	1500	10	3.65	62	123	185	247	308	2	4	5	7	9

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
								WIND	VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	1000	15	2.04	34	69	103	138	172	3	6	9	11	14
400	1000	15	2.00	34	68	101	135	169	3	6	8	11	14
440	1000	15	1.96	33	66	100	133	166	3	5	8	11	13
480	1000	15	1.93	33	65	98	130	163	3	5	8	10	13
520	1000	15	1.89	32	64	96	128	160	3	5	8	10	13
560	1000	15	1.86	31	63	94	126	157	2	5	7	10	12
360	1250	15	2.43	41	82	123	164	205	3	6	8	11	14
400	1250	15	2.39	40	81	121	161	201	3	5	8	11	13
440	1250	15	2.34	40	79	119	158	198	3	5	8	10	13
480	1250	15	2.30	39	78	117	155	194	3	5	8	10	13
520	1250	15	2.26	38	76	115	153	191	2	5	7	10	12
560	1250	15	2.22	37	75	112	150	187	2	5	7	10	12
360	1500	15	2.85	48	96	144	192	240	3	6	8	11	14
400	1500	15	2.80	47	94	142	189	236	3	5	8	11	13
440	1500	15	2.75	46	93	139	185	232	3	5	8	10	13
480	1500	15	2.70	46	91	137	182	228	3	5	8	10	13
520	1500	15	2.65	45	89	134	179	224	2	5	7	10	12
560	1500	15	2.60	44	88	132	176	220	2	5	7	9	12
360	1750	15	3.29	55	111	166	222	277	3	6	8	11	14
400	1750	15	3.23	55	109	164	218	273	3	5	8	11	13
440	1750	15	3.17	54	107	161	214	268	3	5	8	10	13
480	1750	15	3.12	53	105	158	211	263	3	5	8	10	13
520	1750	15	3.06	52	103	155	207	259	2	5	7	10	12
560	1750	15	3.01	51	102	153	203	254	2	5	7	10	12

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	1000	20	1.71	29	58	87	116	144	4	8	12	16	19
400	1000	20	1.68	28	57	85	114	142	4	8	11	15	19
440	1000	20	1.65	28	56	84	111	139	4	7	11	15	18
480	1000	20	1.62	27	55	82	109	137	4	7	11	14	18
520	1000	20	1.59	27	54	81	107	134	3	7	10	14	17
560	1000	20	1.56	26	53	79	105	132	3	7	10	14	17
360	1500	20	2.30	39	78	117	155	194	4	7	11	14	18
400	1500	20	2.25	38	76	114	152	190	3	7	10	14	17
440	1500	20	2.21	37	75	112	149	187	3	7	10	13	17
480	1500	20	2.17	37	73	110	146	183	3	7	10	13	16
520	1500	20	2.13	36	72	108	144	180	3	6	10	13	16
560	1500	20	2.09	35	71	106	141	176	3	6	9	12	16
360	2000	20	2.95	50	100	150	200	249	4	7	11	14	18
400	2000	20	2.90	49	98	147	196	245	3	7	10	14	17
440	2000	20	2.84	48	96	144	192	240	3	7	10	13	17
480	2000	20	2.79	47	94	141	188	235	3	6	10	13	16
520	2000	20	2.73	46	92	139	185	231	3	6	9	13	16
560	2000	20	2.68	45	91	136	181	227	3	6	9	12	15
360	1500	30	1.77	30	60	90	120	149	5	11	16	22	27
400	1500	30	1.74	29	59	88	118	147	5	11	16	21	26
440	1500	30	1.70	29	57	86	115	144	5	10	15	21	26
480	1500	30	1.67	28	56	85	113	141	5	10	15	20	25

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	2000	30	2.19	37	74	111	148	185	5	10	15	20	25
400	2000	30	2.14	36	72	108	145	181	5	10	15	20	25
440	2000	30	2.10	35	71	106	142	177	5	10	14	19	24
480	2000	30	2.05	35	69	104	139	173	5	9	14	19	23
520	2000	30	2.01	34	68	102	136	170	5	9	14	18	23
560	2000	30	1.97	33	67	100	133	167	4	9	13	18	22
360	2500	30	2.64	45	89	134	178	223	5	10	15	20	25
400	2500	30	2.58	44	87	131	174	218	5	10	14	19	24
440	2500	30	2.53	43	85	128	171	213	5	9	14	19	23
480	2500	30	2.47	42	84	125	167	209	5	9	14	18	23
520	2500	30	2.42	41	82	123	164	205	4	9	13	18	22
560	2500	30	2.38	40	80	120	161	201	4	9	13	17	22
360	3000	30	3.12	53	106	158	211	264	5	10	15	20	25
400	3000	30	3.06	52	103	155	207	258	5	10	14	19	24
440	3000	30	2.99	51	101	152	202	253	5	9	14	19	23
480	3000	30	2.93	49	99	148	198	247	5	9	14	18	23
520	3000	30	2.87	48	97	145	194	242	4	9	13	18	22
560	3000	30	2.81	47	95	142	190	237	4	9	13	17	22
360	3500	30	3.64	62	123	185	246	308	5	10	15	20	25
400	3500	30	3.57	60	120	181	241	301	5	10	14	19	24
440	3500	30	3.49	59	118	177	236	295	5	9	14	19	23
480	3500	30	3.42	58	115	173	231	289	5	9	14	18	23
520	3500	30	3.35	57	113	170	226	283	4	9	13	18	22
560	3500	30	3.28	55	111	166	222	277	4	9	13	17	22

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	4000	30	4.20	71	142	213	284	355	5	10	15	20	25
400	4000	30	4.11	69	139	208	278	347	5	10	15	20	25
440	4000	30	4.02	68	136	204	272	340	5	10	14	19	24
480	4000	30	3.94	67	133	200	266	333	5	9	14	19	23
520	4000	30	3.86	65	130	196	261	326	5	9	14	18	23
560	4000	30	3.78	64	128	192	255	319	4	9	13	18	22
360	4500	30	4.79	81	162	242	323	404	5	10	16	21	26
400	4500	30	4.69	79	158	237	317	396	5	10	15	20	25
440	4500	30	4.59	78	155	233	310	388	5	10	15	20	25
480	4500	30	4.50	76	152	228	304	380	5	10	14	19	24
520	4500	30	4.40	74	149	223	298	372	5	9	14	19	23
560	4500	30	4.32	73	146	219	292	364	5	9	14	18	23
360	5000	30	5.41	91	183	274	365	456	5	11	16	21	27
400	5000	30	5.30	89	179	268	358	447	5	10	16	21	26
440	5000	30	5.19	88	175	263	351	438	5	10	15	20	25
480	5000	30	5.08	86	172	258	343	429	5	10	15	20	25
520	5000	30	4.98	84	168	252	337	421	5	10	14	19	24
560	5000	30	4.88	82	165	247	330	412	5	9	14	19	23
360	3000	45	2.33	39	79	118	158	197	7	14	21	27	34
400	3000	45	2.28	38	77	115	154	192	7	13	20	27	33
440	3000	45	2.23	38	75	113	151	188	7	13	20	26	33
480	3000	45	2.18	37	74	110	147	184	6	13	19	25	32

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	3500	45	2.66	45	90	135	180	225	7	14	20	27	34
400	3500	45	2.60	44	88	132	176	220	7	13	20	26	33
440	3500	45	2.54	43	86	129	172	215	6	13	19	26	32
480	3500	45	2.49	42	84	126	168	210	6	13	19	25	31
520	3500	45	2.44	41	82	123	165	206	6	12	18	24	31
360	4000	45	3.01	51	102	153	204	255	7	13	20	27	34
400	4000	45	2.94	50	99	149	199	249	7	13	20	26	33
440	4000	45	2.88	49	97	146	194	243	6	13	19	25	32
480	4000	45	2.81	48	95	143	190	238	6	12	19	25	31
520	4000	45	2.75	47	93	140	186	233	6	12	18	24	30
560	4000	45	2.70	46	91	137	182	228	6	12	18	24	30
360	4500	45	3.38	57	114	171	229	286	7	13	20	27	34
400	4500	45	3.30	56	112	167	223	279	7	13	20	26	33
440	4500	45	3.23	55	109	164	218	273	6	13	19	25	32
480	4500	45	3.16	53	107	160	213	267	6	12	19	25	31
520	4500	45	3.09	52	104	157	209	261	6	12	18	24	30
560	4500	45	3.02	51	102	153	204	255	6	12	18	24	30
360	5000	45	3.77	64	127	191	255	318	7	14	20	27	34
400	5000	45	3.68	62	124	187	249	311	7	13	20	26	33
440	5000	45	3.60	61	122	182	243	304	6	13	19	26	32
480	5000	45	3.52	59	119	178	238	297	6	12	19	25	31
520	5000	45	3.44	58	116	174	233	291	6	12	18	24	30
560	5000	45	3.37	57	114	171	228	284	6	12	18	24	30

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
								WIND	VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	5500	45	4.17	71	141	212	282	353	7	14	20	27	34
400	5500	45	4.08	69	138	207	276	344	7	13	20	27	33
440	5500	45	3.99	67	135	202	269	337	6	13	19	26	32
480	5500	45	3.90	66	132	197	263	329	6	13	19	25	32
520	5500	45	3.81	64	129	193	258	322	6	12	18	25	31
560	5500	45	3.73	63	126	189	252	315	6	12	18	24	30
360	6000	45	4.60	78	155	233	311	388	7	14	21	28	35
400	6000	45	4.49	76	152	228	304	379	7	13	20	27	34
440	6000	45	4.39	74	148	223	297	371	7	13	20	26	33
480	6000	45	4.29	73	145	218	290	363	6	13	19	26	32
520	6000	45	4.20	71	142	213	284	355	6	12	19	25	31
560	6000	45	4.11	69	139	208	278	347	6	12	18	24	30
360	6500	45	5.04	85	170	255	341	426	7	14	21	28	35
400	6500	45	4.93	83	166	250	333	416	7	14	21	27	34
440	6500	45	4.81	81	163	244	325	407	7	13	20	27	33
480	6500	45	4.71	80	159	239	318	398	6	13	19	26	32
520	6500	45	4.60	78	156	233	311	389	6	13	19	25	32
560	6500	45	4.50	76	152	228	304	380	6	12	19	25	31
360	7000	45	5.50	93	186	279	372	464	7	14	21	29	36
400	7000	45	5.38	91	182	272	363	454	7	14	21	28	35
440	7000	45	5.25	89	177	266	355	444	7	14	20	27	34
480	7000	45	5.14	87	174	260	347	434	7	13	20	26	33
520	7000	45	5.03	85	170	255	340	424	6	13	19	26	32
560	7000	45	4.92	83	166	249	332	415	6	13	19	25	31

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
								WIND VELOCITY-KTS					
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	7500	45	5.98	101	202	303	404	505	7	15	22	29	36
400	7500	45	5.84	99	197	296	395	493	7	14	21	28	35
440	7500	45	5.71	96	193	289	386	482	7	14	21	28	35
480	7500	45	5.59	94	189	283	377	472	7	13	20	27	34
520	7500	45	5.46	92	185	277	369	461	7	13	20	26	33
560	7500	45	5.35	90	181	271	361	451	6	13	19	26	32
360	8000	45	6.47	109	218	328	437	546	7	15	22	30	37
400	8000	45	6.32	107	214	320	427	534	7	14	22	29	36
440	8000	45	6.19	104	209	313	418	522	7	14	21	28	35
480	8000	45	6.05	102	204	307	409	511	7	14	21	27	34
520	8000	45	5.92	100	200	300	400	500	7	13	20	27	33
560	8000	45	5.79	98	196	293	391	489	7	13	20	26	33
360	5000	60	3.10	52	105	157	210	262	8	16	24	32	40
400	5000	60	3.03	51	102	153	205	256	8	16	23	31	39
440	5000	60	2.96	50	100	150	200	250	8	15	23	31	38
480	5000	60	2.89	49	98	146	195	244	7	15	22	30	37
360	5500	60	3.41	58	115	173	230	288	8	16	24	32	40
400	5500	60	3.33	56	112	169	225	281	8	16	23	31	39
440	5500	60	3.25	55	110	165	219	274	8	15	23	31	38
480	5500	60	3.17	54	107	161	214	268	7	15	22	30	37
520	5500	60	3.10	52	105	157	210	262	7	15	22	29	36

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	6000	60	3.73	63	126	189	252	315	8	16	24	32	40
400	6000	60	3.64	61	123	184	246	307	8	16	24	31	39
440	6000	60	3.55	60	120	180	240	300	8	15	23	31	38
480	6000	60	3.47	59	117	176	234	293	7	15	22	30	37
520	6000	60	3.39	57	115	172	229	286	7	15	22	29	36
560	6000	60	3.32	56	112	168	224	280	7	14	21	29	36
360	6500	60	4.06	69	137	206	274	343	8	16	24	32	41
400	6500	60	3.96	67	134	201	268	334	8	16	24	32	40
440	6500	60	3.87	65	131	196	261	327	8	15	23	31	39
480	6500	60	3.78	64	128	191	255	319	8	15	23	30	38
520	6500	60	3.69	62	125	187	249	312	7	15	22	29	37
560	6500	60	3.61	61	122	183	244	305	7	14	22	29	36
360	7000	60	4.40	74	149	223	297	372	8	16	25	33	41
400	7000	60	4.30	73	145	218	290	363	8	16	24	32	40
440	7000	60	4.19	71	142	212	283	354	8	16	23	31	39
480	7000	60	4.10	69	138	208	277	346	8	15	23	30	38
520	7000	60	4.00	68	135	203	270	338	7	15	22	30	37
560	7000	60	3.91	66	132	198	264	330	7	14	22	29	36
360	7500	60	4.76	80	161	241	321	402	8	17	25	33	41
400	7500	60	4.64	78	157	235	314	392	8	16	24	32	40
440	7500	60	4.53	77	153	230	306	383	8	16	24	31	39
480	7500	60	4.43	75	150	224	299	374	8	15	23	31	38
520	7500	60	4.33	73	146	219	292	365	7	15	22	30	37
560	7500	60	4.23	71	143	214	286	357	7	15	22	29	36

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	8000	60	5.12	87	173	260	346	433	8	17	25	33	42
400	8000	60	5.00	84	169	253	338	422	8	16	24	33	41
440	8000	60	4.88	82	165	247	330	412	8	16	24	32	40
480	8000	60	4.77	81	161	242	322	403	8	15	23	31	39
520	8000	60	4.66	79	157	236	315	394	8	15	23	30	38
560	8000	60	4.56	77	154	231	308	385	7	15	22	29	37
360	8500	60	5.50	93	186	279	372	465	8	17	25	34	42
400	8500	60	5.37	91	181	272	363	454	8	16	25	33	41
440	8500	60	5.25	89	177	266	354	443	8	16	24	32	40
480	8500	60	5.12	87	173	260	346	433	8	16	24	31	39
520	8500	60	5.01	85	169	254	338	423	8	15	23	31	38
560	8500	60	4.89	83	165	248	331	413	7	15	22	30	37
360	9000	60	5.90	100	199	299	398	498	9	17	26	34	43
400	9000	60	5.75	97	194	292	389	486	8	17	25	33	42
440	9000	60	5.62	95	190	285	380	475	8	16	24	33	41
480	9000	60	5.49	93	185	278	371	463	8	16	24	32	40
520	9000	60	5.36	91	181	272	362	453	8	15	23	31	39
560	9000	60	5.24	89	177	266	354	443	8	15	23	30	38
360	9500	60	6.30	106	213	319	425	532	9	17	26	35	43
400	9500	60	6.15	104	208	312	415	519	8	17	25	34	42
440	9500	60	6.00	101	203	304	406	507	8	16	25	33	41
480	9500	60	5.86	99	198	297	396	495	8	16	24	32	40
520	9500	60	5.73	97	194	290	387	484	8	16	24	31	39
560	9500	60	5.60	95	189	284	378	473	8	15	23	31	38

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	10000	60	6.71	113	227	340	453	567	9	18	26	35	44
400	10000	60	6.55	111	221	332	443	553	9	17	26	34	43
440	10000	60	6.40	108	216	324	432	540	8	17	25	33	42
480	10000	60	6.25	106	211	317	422	528	8	16	24	33	41
520	10000	60	6.11	103	206	310	413	516	8	16	24	32	40
560	10000	60	5.97	101	202	303	403	504	8	16	23	31	39
360	10500	60	7.13	120	241	361	482	602	9	18	27	36	45
400	10500	60	6.97	118	235	353	471	588	9	17	26	35	43
440	10500	60	6.80	115	230	345	460	575	8	17	25	34	42
480	10500	60	6.65	112	225	337	449	561	8	17	25	33	41
520	10500	60	6.50	110	219	329	439	549	8	16	24	32	40
560	10500	60	6.35	107	215	322	429	536	8	16	24	32	39
360	11000	60	7.56	128	256	383	511	639	9	18	27	36	45
400	11000	60	7.39	125	250	374	499	624	9	18	26	35	44
440	11000	60	7.22	122	244	366	488	610	9	17	26	34	43
480	11000	60	7.05	119	238	357	477	596	8	17	25	34	42
520	11000	60	6.89	116	233	349	466	582	8	16	25	33	41
560	11000	60	6.74	114	228	342	455	569	8	16	24	32	40
360	11500	60	8.00	135	270	406	541	676	9	18	28	37	46
400	11500	60	7.82	132	264	396	528	660	9	18	27	36	45
440	11500	60	7.64	129	258	387	516	645	9	17	26	35	44
480	11500	60	7.47	126	252	378	505	631	9	17	26	34	43
520	11500	60	7.30	123	247	370	493	617	8	17	25	33	42
560	11500	60	7.14	121	241	362	482	603	8	16	24	32	41

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 2.75 FFAR XM-151

LAU-3/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	12000	60	8.45	143	285	428	571	714	9	19	28	37	46
400	12000	60	8.26	140	279	419	558	698	9	18	27	36	45
440	12000	60	8.07	136	273	409	545	682	9	18	27	35	44
480	12000	60	7.89	133	267	400	533	667	9	17	26	35	43
520	12000	60	7.72	130	261	391	521	652	8	17	25	34	42
560	12000	60	7.55	127	255	382	510	637	8	16	25	33	41

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1000	10	2.37	14	17	20	24	27	30	34	37	40	44
400	1000	10	2.33	11	14	18	21	25	28	32	35	39	42
440	1000	10	2.29	9	12	16	20	23	27	30	34	38	41
480	1000	10	2.25	7	10	14	18	22	25	29	33	36	40
520	1000	10	2.21	5	9	13	16	20	24	28	32	35	39
560	1000	10	2.17	3	7	11	15	19	23	27	30	34	38
360	1250	10	2.94	17	20	23	27	30	34	37	40	44	47
400	1250	10	2.89	14	17	21	24	28	31	35	38	42	46
440	1250	10	2.84	12	15	19	22	26	30	33	37	41	44
480	1250	10	2.79	9	13	17	21	24	28	32	36	39	43
520	1250	10	2.74	8	11	15	19	23	27	30	34	38	42
560	1250	10	2.70	6	10	14	18	21	25	29	33	37	41
360	1250	15	2.08	12	15	18	22	25	28	32	35	39	42
400	1250	15	2.04	9	13	16	20	23	27	30	34	37	41
440	1250	15	2.00	7	10	14	18	21	25	29	32	36	39
480	1250	15	1.96	5	9	12	16	20	23	27	31	35	38
520	1250	15	1.93	3	7	11	15	18	22	26	30	34	37
560	1250	15	1.89	2	6	9	13	17	21	25	29	33	37
360	1500	15	2.47	14	17	20	24	27	30	34	37	41	44
400	1500	15	2.42	11	14	18	21	25	29	32	36	39	43
440	1500	15	2.37	9	12	16	20	23	27	30	34	38	41
480	1500	15	2.33	7	10	14	18	22	25	29	33	36	40
520	1500	15	2.29	5	9	13	16	20	24	28	32	35	39
560	1500	15	2.25	3	7	11	15	19	23	27	30	34	38

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	1750	15	2.87	16	19	23	26	29	33	36	39	43	46
400	1750	15	2.82	13	17	20	24	27	31	34	38	41	45
440	1750	15	2.76	11	14	18	22	25	29	32	36	40	43
480	1750	15	2.71	9	12	16	20	24	27	31	35	38	42
520	1750	15	2.66	7	11	14	18	22	26	30	33	37	41
560	1750	15	2.62	5	9	13	17	21	25	28	32	36	40
360	2100	15	3.47	19	22	26	29	33	36	39	43	46	49
400	2100	15	3.40	16	20	23	27	30	34	37	41	44	48
440	2100	15	3.34	14	17	21	25	28	32	36	39	43	46
480	2100	15	3.28	12	15	19	23	26	30	34	38	41	45
520	2100	15	3.22	10	13	17	21	25	29	32	36	40	44
560	2100	15	3.17	8	12	16	20	23	27	31	35	39	43
360	2200	15	3.65	20	24	27	30	34	37	40	44	47	50
400	2200	15	3.58	17	21	24	28	31	35	38	42	45	49
440	2200	15	3.51	15	18	22	26	29	33	36	40	44	47
480	2200	15	3.45	12	16	20	24	27	31	35	39	42	46
520	2200	15	3.39	11	14	18	22	26	30	33	37	41	45
560	2200	15	3.33	9	13	16	20	24	28	32	36	40	44
360	2300	15	3.83	21	25	28	31	35	38	41	45	48	52
400	2300	15	3.76	18	22	25	29	32	36	39	43	46	50
440	2300	15	3.69	16	19	23	27	30	34	37	41	45	48
480	2300	15	3.62	13	17	21	25	28	32	36	39	43	47
520	2300	15	3.56	11	15	19	23	27	30	34	38	42	46
560	2300	15	3.50	10	13	17	21	25	29	33	37	41	44

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	2400	15	4.01	22	26	29	32	36	39	42	46	49	53
400	2400	15	3.94	19	23	26	30	33	37	40	44	47	51
440	2400	15	3.86	17	20	24	28	31	35	38	42	46	49
480	2400	15	3.80	14	18	22	26	29	33	37	40	44	48
520	2400	15	3.73	12	16	20	24	28	31	35	39	43	47
560	2400	15	3.66	10	14	18	22	26	30	34	38	41	45
360	2500	15	4.20	23	27	30	33	37	40	44	47	50	54
400	2500	15	4.12	20	24	27	31	34	38	41	45	48	52
440	2500	15	4.04	18	21	25	29	32	36	39	43	47	50
480	2500	15	3.97	15	19	23	26	30	34	38	41	45	49
520	2500	15	3.90	13	17	21	25	28	32	36	40	44	47
560	2500	15	3.84	11	15	19	23	27	31	35	39	42	46
360	1750	20	2.23	12	15	19	22	25	29	32	35	39	42
400	1750	20	2.18	9	13	16	20	23	27	30	34	37	41
440	1750	20	2.14	7	11	14	18	21	25	29	32	36	40
480	1750	20	2.10	5	9	13	16	20	24	27	31	35	39
520	1750	20	2.06	3	7	11	15	19	22	26	30	34	38
560	1750	20	2.02	2	6	10	13	17	21	25	29	33	37
360	2000	20	2.53	13	17	20	23	27	30	34	37	40	44
400	2000	20	2.48	11	14	18	21	25	28	32	35	39	42
440	2000	20	2.43	8	12	16	19	23	27	30	34	37	41
480	2000	20	2.39	6	10	14	18	21	25	29	32	36	40
520	2000	20	2.34	5	8	12	16	20	24	28	31	35	39
560	2000	20	2.30	3	7	11	15	19	22	26	30	34	38

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	2400	20	3.04	16	19	23	26	30	33	36	40	43	46
400	2400	20	2.98	13	17	20	24	27	31	34	38	41	45
440	2400	20	2.93	11	15	18	22	25	29	33	36	40	44
480	2400	20	2.87	9	13	16	20	24	27	31	35	39	42
520	2400	20	2.82	7	11	15	18	22	26	30	34	37	41
560	2400	20	2.76	5	9	13	17	21	25	29	32	36	40
360	2500	20	3.18	17	20	23	27	30	34	37	40	44	47
400	2500	20	3.11	14	17	21	24	28	32	35	39	42	46
440	2500	20	3.05	12	15	19	22	26	30	33	37	41	44
480	2500	20	2.99	9	13	17	21	24	28	32	35	39	43
520	2500	20	2.94	8	11	15	19	23	27	30	34	38	42
560	2500	20	2.88	6	10	14	18	21	25	29	33	37	41
360	2700	20	3.45	18	22	25	28	32	35	38	42	45	49
400	2700	20	3.38	15	19	22	26	29	33	36	40	43	47
440	2700	20	3.31	13	17	20	24	27	31	35	38	42	46
480	2700	20	3.25	11	14	18	22	26	29	33	37	41	44
520	2700	20	3.19	9	13	16	20	24	28	32	35	39	43
560	2700	20	3.13	7	11	15	19	23	26	30	34	38	42
360	2800	20	3.59	19	22	26	29	32	36	39	43	46	49
400	2800	20	3.52	16	20	23	27	30	34	37	41	44	48
440	2800	20	3.45	14	17	21	24	28	32	35	39	43	46
480	2800	20	3.38	11	15	19	23	26	30	34	37	41	45
520	2800	20	3.32	9	13	17	21	25	28	32	36	40	44
560	2800	20	3.26	8	12	15	19	23	27	31	35	39	43

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	2900	20	3.73	20	23	26	30	33	37	40	43	47	50
400	2900	20	3.65	17	20	24	27	31	34	38	41	45	48
440	2900	20	3.58	14	18	22	25	29	32	36	40	43	47
480	2900	20	3.52	12	16	20	23	27	31	34	38	42	46
520	2900	20	3.45	10	14	18	22	25	29	33	37	41	44
560	2900	20	3.39	8	12	16	20	24	28	32	35	39	43
360	1500	30	1.43	7	10	14	17	20	24	27	30	34	37
400	1500	30	1.40	4	8	11	15	18	22	25	29	33	36
440	1500	30	1.37	2	6	10	13	17	21	24	28	31	35
480	1500	30	1.34	1	4	8	12	16	19	23	27	30	34
360	2000	30	1.81	8	12	15	19	22	25	29	32	35	39
400	2000	30	1.77	6	9	13	17	20	24	27	31	34	38
440	2000	30	1.74	4	8	11	15	18	22	26	29	33	37
480	2000	30	1.70	2	6	10	13	17	21	24	28	32	36
520	2000	30	1.67	1	4	8	12	16	20	23	27	31	35
560	2000	30	1.64	-1	3	7	11	15	19	22	26	30	34
360	2500	30	2.22	10	14	17	20	24	27	30	34	37	41
400	2500	30	2.17	8	11	15	18	22	25	29	32	36	39
440	2500	30	2.12	6	9	13	16	20	24	27	31	35	38
480	2500	30	2.08	4	7	11	15	19	22	26	30	33	37
520	2500	30	2.04	2	6	10	13	17	21	25	29	32	36
560	2500	30	2.00	1	4	8	12	16	20	24	28	32	35

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	3000	30	2.64	12	16	19	22	26	29	32	36	39	43
400	3000	30	2.59	10	13	17	20	24	27	31	34	38	41
440	3000	30	2.54	7	11	15	18	22	26	29	33	36	40
480	3000	30	2.49	5	9	13	17	20	24	28	32	35	39
520	3000	30	2.44	4	8	11	15	19	23	27	30	34	38
560	3000	30	2.39	2	6	10	14	18	22	25	29	33	37
360	3500	30	3.10	14	18	21	24	28	31	35	38	41	45
400	3500	30	3.03	12	15	19	22	26	29	33	36	40	43
440	3500	30	2.97	9	13	17	20	24	28	31	35	38	42
480	3500	30	2.91	7	11	15	19	22	26	30	33	37	41
520	3500	30	2.85	6	9	13	17	21	25	28	32	36	40
560	3500	30	2.80	4	8	12	16	19	23	27	31	35	39
360	4000	30	3.58	17	20	23	27	30	34	37	40	44	47
400	4000	30	3.50	14	17	21	24	28	32	35	39	42	46
440	4000	30	3.43	12	15	19	22	26	30	33	37	41	44
480	4000	30	3.36	9	13	17	21	24	28	32	35	39	43
520	4000	30	3.30	8	11	15	19	23	27	30	34	38	42
560	4000	30	3.23	6	10	14	18	21	25	29	33	37	41
360	4500	30	4.08	19	23	26	29	33	36	40	43	46	50
400	4500	30	4.00	16	20	23	27	30	34	37	41	44	48
440	4500	30	3.92	14	17	21	25	28	32	36	39	43	47
480	4500	30	3.84	12	15	19	23	27	30	34	38	41	45
520	4500	30	3.76	10	14	17	21	25	29	33	36	40	44
560	4500	30	3.69	8	12	16	20	23	27	31	35	39	43

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	5000	30	4.62	22	25	29	32	35	39	42	46	49	52
400	5000	30	4.52	19	23	26	30	33	37	40	44	47	51
440	5000	30	4.43	16	20	24	27	31	35	38	42	45	49
480	5000	30	4.34	14	18	22	25	29	33	36	40	44	48
520	5000	30	4.25	12	16	20	23	27	31	35	39	42	46
560	5000	30	4.17	10	14	18	22	26	30	33	37	41	45
360	3000	45	1.92	6	9	13	16	19	23	26	30	33	36
400	3000	45	1.88	4	7	11	14	18	21	25	28	32	35
440	3000	45	1.84	2	5	9	13	16	20	24	27	31	34
480	3000	45	1.80	0	4	8	11	15	19	22	26	30	34
360	3500	45	2.22	7	10	14	17	21	24	27	31	34	37
400	3500	45	2.17	5	8	12	15	19	22	26	29	33	36
440	3500	45	2.12	3	6	10	14	17	21	24	28	32	35
480	3500	45	2.08	1	5	8	12	16	20	23	27	31	34
520	3500	45	2.04	-1	3	7	11	15	19	22	26	30	34
360	4000	45	2.52	8	12	15	18	22	25	28	32	35	38
400	4000	45	2.47	6	9	13	16	20	23	27	30	34	37
440	4000	45	2.41	4	7	11	15	18	22	25	29	33	36
480	4000	45	2.36	2	6	9	13	17	21	24	28	32	35
520	4000	45	2.32	0	4	8	12	16	19	23	27	31	35
560	4000	45	2.27	-1	3	7	11	15	18	22	26	30	34

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	4500	45	2.84	9	13	16	19	23	26	30	33	36	40
400	4500	45	2.78	7	10	14	17	21	24	28	31	35	38
440	4500	45	2.72	5	8	12	16	19	23	27	30	34	37
480	4500	45	2.66	3	7	10	14	18	22	25	29	33	37
520	4500	45	2.61	1	5	9	13	17	20	24	28	32	36
560	4500	45	2.56	0	4	8	12	16	19	23	27	31	35
360	5000	45	3.17	11	14	17	21	24	27	31	34	38	41
400	5000	45	3.10	8	12	15	19	22	26	29	33	36	40
440	5000	45	3.03	6	10	13	17	20	24	28	31	35	39
480	5000	45	2.97	4	8	12	15	19	23	26	30	34	38
520	5000	45	2.91	2	6	10	14	18	21	25	29	33	37
560	5000	45	2.85	1	5	9	13	17	20	24	28	32	36
360	5500	45	3.51	12	15	19	22	25	29	32	36	39	42
400	5500	45	3.43	9	13	16	20	23	27	30	34	37	41
440	5500	45	3.36	7	11	14	18	22	25	29	33	36	40
480	5500	45	3.29	5	9	13	16	20	24	28	31	35	39
520	5500	45	3.22	4	7	11	15	19	23	26	30	34	38
560	5500	45	3.16	2	6	10	14	18	21	25	29	33	37
360	6000	45	3.87	13	17	20	23	27	30	34	37	40	44
400	6000	45	3.78	11	14	18	21	25	28	32	35	39	42
440	6000	45	3.70	8	12	16	19	23	27	30	34	37	41
480	6000	45	3.62	7	10	14	18	21	25	29	33	36	40
520	6000	45	3.55	5	9	12	16	20	24	28	31	35	39
560	6000	45	3.48	3	7	11	15	19	23	26	30	34	38

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS KTS	ALT ABOVE TGT FT	DIVE ANGLE DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	6500	45	4.24	15	18	22	25	28	32	35	38	42	45
400	6500	45	4.15	12	16	19	23	26	30	33	37	40	44
440	6500	45	4.06	10	13	17	21	24	28	32	35	39	42
480	6500	45	3.97	8	12	15	19	23	26	30	34	38	41
520	6500	45	3.89	6	10	14	17	21	25	29	33	36	40
560	6500	45	3.81	4	8	12	16	20	24	28	32	35	39
360	7000	45	4.62	16	20	23	27	30	33	37	40	43	47
400	7000	45	4.52	14	17	21	24	28	31	35	38	42	45
440	7000	45	4.42	11	15	19	22	26	29	33	37	40	44
480	7000	45	4.33	9	13	17	20	24	28	32	35	39	43
520	7000	45	4.24	7	11	15	19	23	26	30	34	38	42
560	7000	45	4.16	6	10	13	17	21	25	29	33	37	41
360	7500	45	5.02	18	21	25	28	32	35	38	42	45	48
400	7500	45	4.91	15	19	22	26	29	33	36	40	43	47
440	7500	45	4.80	13	16	20	24	27	31	35	38	42	45
480	7500	45	4.70	11	14	18	22	26	29	33	37	40	44
520	7500	45	4.60	9	13	16	20	24	28	32	35	39	43
560	7500	45	4.51	7	11	15	19	23	26	30	34	38	42
360	8000	45	5.43	20	23	26	30	33	37	40	43	47	50
400	8000	45	5.31	17	20	24	27	31	34	38	41	45	48
440	8000	45	5.19	14	18	22	25	29	32	36	40	43	47
480	8000	45	5.08	12	16	20	23	27	31	34	38	42	46
520	8000	45	4.98	10	14	18	22	25	29	33	37	41	44
560	8000	45	4.88	8	12	16	20	24	28	32	36	39	43

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	CAGED SIGHT LINE ANGLE OF ATTACK - MILS -25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	5000	60	2.58	4	7	11	14	17	21	24	27	31	34
400	5000	60	2.53	2	5	9	12	16	19	23	26	30	33
440	5000	60	2.47	-0	3	7	11	14	18	22	25	29	33
480	5000	60	2.42	-2	2	6	9	13	17	21	24	28	32
360	5500	60	2.84	4	8	11	15	18	21	25	28	31	35
400	5500	60	2.78	2	6	9	13	16	20	23	27	30	34
440	5500	60	2.72	0	4	8	11	15	19	22	26	29	33
480	5500	60	2.66	-1	3	6	10	14	17	21	25	29	32
520	5500	60	2.61	-3	1	5	9	13	17	20	24	28	32
360	6000	60	3.11	5	9	12	15	19	22	25	29	32	36
400	6000	60	3.04	3	7	10	14	17	21	24	28	31	35
440	6000	60	2.98	1	5	8	12	16	19	23	26	30	34
480	6000	60	2.92	-1	3	7	11	14	18	22	26	29	33
520	6000	60	2.86	-2	2	6	9	13	17	21	25	29	32
560	6000	60	2.80	-3	1	5	8	12	16	20	24	28	32
360	6500	60	3.39	6	9	13	16	19	23	26	30	33	36
400	6500	60	3.32	4	7	11	14	18	21	25	28	32	35
440	6500	60	3.24	2	5	9	13	16	20	24	27	31	34
480	6500	60	3.17	0	4	8	11	15	19	22	26	30	34
520	6500	60	3.11	-1	2	6	10	14	18	22	25	29	33
560	6500	60	3.05	-3	1	5	9	13	17	21	25	28	32

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	7000	60	3.68	7	10	13	17	20	24	27	30	34	37
400	7000	60	3.60	4	8	11	15	18	22	25	29	33	36
440	7000	60	3.52	2	6	10	13	17	21	24	28	31	35
480	7000	60	3.44	1	5	8	12	16	19	23	27	31	34
520	7000	60	3.37	-1	3	7	11	15	18	22	26	30	34
560	7000	60	3.30	-2	2	6	10	14	17	21	25	29	33
360	7500	60	3.97	8	11	14	18	21	24	28	31	34	38
400	7500	60	3.88	5	9	12	16	19	23	26	30	33	37
440	7500	60	3.80	3	7	10	14	18	21	25	29	32	36
480	7500	60	3.72	2	5	9	13	16	20	24	28	31	35
520	7500	60	3.64	0	4	8	11	15	19	23	27	30	34
560	7500	60	3.57	-1	3	6	10	14	18	22	26	30	34
360	8000	60	4.28	8	12	15	18	22	25	29	32	35	39
400	8000	60	4.18	6	10	13	17	20	24	27	31	34	38
440	8000	60	4.09	4	8	11	15	18	22	26	29	33	37
480	8000	60	4.00	2	6	10	13	17	21	25	28	32	36
520	8000	60	3.92	1	5	8	12	16	20	24	27	31	35
560	8000	60	3.84	-1	3	7	11	15	19	23	26	30	34
360	8500	60	4.59	9	13	16	19	23	26	29	33	36	40
400	8500	60	4.48	7	10	14	17	21	24	28	31	35	38
440	8500	60	4.39	5	8	12	16	19	23	27	30	34	37
480	8500	60	4.29	3	7	10	14	18	22	25	29	33	37
520	8500	60	4.20	1	5	9	13	17	20	24	28	32	36
560	8500	60	4.12	0	4	8	12	16	19	23	27	31	35

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	9000	60	4.91	10	13	17	20	24	27	30	34	37	40
400	9000	60	4.80	8	11	15	18	22	25	29	32	36	39
440	9000	60	4.69	6	9	13	16	20	24	27	31	35	38
480	9000	60	4.59	4	8	11	15	19	22	26	30	34	37
520	9000	60	4.50	2	6	10	14	17	21	25	29	33	36
560	9000	60	4.40	1	5	9	12	16	20	24	28	32	36
360	9500	60	5.24	11	14	18	21	25	28	31	35	38	41
400	9500	60	5.12	9	12	16	19	23	26	30	33	37	40
440	9500	60	5.01	6	10	14	17	21	25	28	32	35	39
480	9500	60	4.90	5	8	12	16	20	23	27	31	34	38
520	9500	60	4.80	3	7	11	14	18	22	26	30	33	37
560	9500	60	4.70	2	5	9	13	17	21	25	29	33	36
360	10000	60	5.58	12	15	19	22	26	29	32	36	39	42
400	10000	60	5.45	10	13	17	20	24	27	31	34	38	41
440	10000	60	5.33	7	11	15	18	22	25	29	33	36	40
480	10000	60	5.21	5	9	13	17	20	24	28	32	35	39
520	10000	60	5.10	4	8	11	15	19	23	27	30	34	38
560	10000	60	5.00	2	6	10	14	18	22	26	29	33	37
360	10500	60	5.92	13	16	20	23	27	30	33	37	40	43
400	10500	60	5.79	10	14	18	21	25	28	32	35	39	42
440	10500	60	5.66	8	12	16	19	23	26	30	34	37	41
480	10500	60	5.54	6	10	14	18	21	25	29	32	36	40
520	10500	60	5.42	5	8	12	16	20	24	27	31	35	39
560	10500	60	5.31	3	7	11	15	19	23	26	30	34	38

SIGHT SETTINGS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER. NEGATIVE SETTINGS INDICATE ELEVATION

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-25	-20	-15	-10	-5	0	5	10	15	20
				SIGHT SETTINGS - MILS									
360	11000	60	6.28	14	17	21	24	28	31	34	38	41	44
400	11000	60	6.13	11	15	18	22	26	29	33	36	40	43
440	11000	60	6.00	9	13	16	20	24	27	31	35	38	42
480	11000	60	5.87	7	11	15	18	22	26	30	33	37	41
520	11000	60	5.74	6	9	13	17	21	25	28	32	36	40
560	11000	60	5.63	4	8	12	16	19	23	27	31	35	39
360	11500	60	6.64	15	18	22	25	29	32	35	39	42	45
400	11500	60	6.49	12	16	20	23	27	30	34	37	41	44
440	11500	60	6.34	10	14	17	21	25	28	32	36	39	43
480	11500	60	6.21	8	12	16	19	23	27	31	34	38	42
520	11500	60	6.08	6	10	14	18	22	25	29	33	37	41
560	11500	60	5.95	5	9	13	16	20	24	28	32	36	40
360	12000	60	7.00	16	20	23	26	30	33	36	40	43	47
400	12000	60	6.85	14	17	21	24	28	31	35	38	42	45
440	12000	60	6.70	11	15	18	22	26	29	33	37	40	44
480	12000	60	6.55	9	13	17	20	24	28	31	35	39	43
520	12000	60	6.41	7	11	15	19	23	26	30	34	38	42
560	12000	60	6.28	6	10	13	17	21	25	29	33	37	41

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT					HORIZONTAL RANGE - FT				
				CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	1000	10	2.37	4791	4858	4927	4998	5071	4685	4754	4824	4897	4971
400	1000	10	2.33	4849	4911	4974	5039	5107	4744	4808	4873	4939	5008
440	1000	10	2.29	4900	4957	5016	5077	5139	4796	4855	4916	4977	5041
480	1000	10	2.25	4945	4999	5054	5111	5168	4843	4898	4954	5012	5071
520	1000	10	2.21	4985	5036	5088	5141	5195	4884	4936	4989	5043	5098
560	1000	10	2.17	5022	5070	5119	5169	5220	4922	4971	5021	5072	5123
360	1250	10	2.94	5895	5976	6059	6145	6233	5761	5844	5929	6017	6107
400	1250	10	2.89	5968	6043	6120	6199	6280	5835	5912	5991	6071	6154
440	1250	10	2.84	6033	6103	6174	6247	6323	5902	5973	6046	6121	6198
480	1250	10	2.79	6091	6156	6223	6291	6361	5961	6028	6096	6166	6237
520	1250	10	2.74	6143	6204	6267	6332	6397	6014	6077	6141	6207	6274
560	1250	10	2.70	6190	6249	6308	6369	6431	6063	6122	6183	6245	6308
360	1250	15	2.08	4294	4336	4378	4422	4467	4108	4151	4196	4242	4288
400	1250	15	2.04	4329	4367	4407	4447	4487	4144	4185	4226	4267	4310
440	1250	15	2.00	4360	4395	4432	4468	4506	4177	4214	4252	4290	4329
480	1250	15	1.96	4387	4420	4454	4488	4523	4205	4239	4275	4310	4346
520	1250	15	1.93	4411	4442	4473	4505	4538	4230	4262	4295	4329	4362
560	1250	15	1.89	4433	4462	4491	4521	4552	4253	4283	4314	4345	4377
360	1500	15	2.47	5114	5164	5214	5266	5319	4889	4941	4994	5048	5103
400	1500	15	2.42	5157	5203	5249	5296	5345	4934	4982	5030	5080	5130
440	1500	15	2.37	5195	5237	5280	5324	5368	4974	5018	5063	5108	5154
480	1500	15	2.33	5228	5268	5308	5348	5389	5009	5050	5091	5133	5176
520	1500	15	2.29	5258	5295	5332	5370	5409	5040	5078	5117	5156	5196
560	1500	15	2.25	5285	5320	5355	5390	5426	5068	5104	5140	5177	5215

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGLE DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	1750	15	2.87	5921	5978	6036	6095	6156	5657	5716	5777	5839	5902
400	1750	15	2.82	5972	6024	6078	6132	6187	5710	5765	5820	5877	5935
440	1750	15	2.76	6017	6066	6115	6165	6216	5757	5808	5859	5911	5964
480	1750	15	2.71	6057	6102	6148	6194	6242	5799	5846	5894	5942	5991
520	1750	15	2.66	6093	6135	6178	6221	6266	5836	5880	5925	5970	6016
560	1750	15	2.62	6125	6165	6205	6246	6288	5870	5911	5953	5996	6039
360	2100	15	3.47	7025	7092	7160	7229	7300	6704	6774	6845	6917	6991
400	2100	15	3.40	7088	7149	7212	7275	7340	6770	6834	6899	6966	7033
440	2100	15	3.34	7144	7200	7258	7317	7377	6828	6887	6948	7009	7071
480	2100	15	3.28	7193	7246	7300	7355	7410	6880	6935	6991	7048	7106
520	2100	15	3.22	7238	7287	7338	7389	7441	6926	6978	7031	7084	7138
560	2100	15	3.17	7278	7325	7373	7421	7469	6969	7018	7067	7117	7168
360	2200	15	3.65	7335	7404	7475	7547	7621	6997	7070	7144	7219	7296
400	2200	15	3.58	7401	7465	7530	7596	7663	7066	7133	7201	7270	7341
440	2200	15	3.51	7460	7519	7579	7640	7702	7128	7190	7253	7317	7382
480	2200	15	3.45	7512	7567	7623	7680	7738	7183	7241	7299	7358	7419
520	2200	15	3.39	7560	7611	7664	7717	7771	7232	7286	7341	7397	7453
560	2200	15	3.33	7603	7651	7701	7751	7801	7277	7328	7380	7432	7485
360	2300	15	3.83	7642	7714	7787	7862	7938	7288	7363	7440	7518	7598
400	2300	15	3.76	7712	7778	7845	7914	7984	7361	7430	7501	7572	7645
440	2300	15	3.69	7774	7835	7897	7961	8025	7426	7490	7555	7621	7689
480	2300	15	3.62	7829	7886	7944	8003	8063	7484	7543	7604	7666	7728
520	2300	15	3.56	7879	7933	7987	8042	8099	7536	7592	7649	7707	7765
560	2300	15	3.50	7925	7975	8026	8078	8131	7583	7636	7690	7744	7799

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT					HORIZONTAL RANGE - FT				
				CAGED SIGHT LINE ANGLE OF ATTACK - MILS									
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	2400	15	4.01	7946	8021	8097	8174	8253	7575	7653	7733	7814	7897
400	2400	15	3.94	8019	8088	8158	8229	8302	7652	7724	7797	7871	7947
440	2400	15	3.86	8085	8148	8213	8279	8346	7720	7787	7855	7923	7993
480	2400	15	3.80	8143	8202	8263	8324	8386	7781	7843	7906	7970	8035
520	2400	15	3.73	8196	8252	8308	8365	8423	7837	7895	7954	8014	8074
560	2400	15	3.66	8244	8296	8350	8403	8458	7887	7942	7997	8053	8110
360	2500	15	4.20	8248	8325	8403	8484	8565	7860	7941	8023	8107	8192
400	2500	15	4.12	8325	8396	8468	8541	8616	7940	8015	8090	8167	8246
440	2500	15	4.04	8393	8459	8526	8594	8663	8012	8081	8151	8222	8294
480	2500	15	3.97	8455	8516	8578	8642	8706	8076	8141	8206	8272	8339
520	2500	15	3.90	8510	8568	8626	8685	8745	8135	8195	8256	8318	8381
560	2500	15	3.84	8561	8615	8670	8726	8782	8188	8244	8302	8360	8419
360	1750	20	2.23	4683	4718	4753	4788	4824	4344	4381	4419	4457	4496
400	1750	20	2.18	4712	4744	4776	4808	4841	4375	4409	4443	4478	4514
440	1750	20	2.14	4737	4767	4796	4826	4856	4402	4434	4465	4497	4530
480	1750	20	2.10	4760	4787	4814	4842	4870	4426	4455	4485	4514	4544
520	1750	20	2.06	4780	4805	4830	4856	4882	4448	4475	4502	4530	4558
560	1750	20	2.02	4797	4821	4845	4869	4894	4467	4492	4518	4544	4570
360	2000	20	2.53	5329	5368	5408	5448	5489	4940	4982	5025	5068	5112
400	2000	20	2.48	5363	5399	5435	5472	5509	4976	5015	5054	5093	5133
440	2000	20	2.43	5393	5426	5459	5493	5527	5008	5044	5079	5116	5153
480	2000	20	2.39	5419	5449	5480	5512	5543	5036	5069	5102	5136	5170
520	2000	20	2.34	5442	5470	5499	5529	5558	5061	5092	5123	5154	5186
560	2000	20	2.30	5463	5489	5517	5544	5572	5083	5112	5141	5171	5200

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT -20	-10	0	10	20
360	2400	20	3.04	6350	6396	6443	6490	6539	5879	5928	5979	6030	6082
400	2400	20	2.98	6391	6434	6476	6520	6564	5924	5969	6015	6062	6110
440	2400	20	2.93	6428	6467	6506	6547	6587	5963	6005	6048	6091	6134
480	2400	20	2.87	6460	6497	6533	6570	6608	5998	6037	6076	6116	6157
520	2400	20	2.82	6489	6523	6557	6592	6627	6029	6066	6102	6140	6177
560	2400	20	2.76	6515	6547	6579	6612	6645	6057	6092	6126	6161	6196
360	2500	20	3.18	6602	6650	6698	6748	6798	6110	6162	6214	6268	6322
400	2500	20	3.11	6646	6690	6734	6779	6825	6158	6205	6253	6301	6351
440	2500	20	3.05	6684	6725	6766	6807	6849	6199	6243	6287	6332	6377
480	2500	20	2.99	6718	6756	6794	6832	6871	6236	6276	6317	6359	6400
520	2500	20	2.94	6749	6784	6819	6855	6892	6269	6306	6345	6383	6422
560	2500	20	2.88	6776	6809	6843	6876	6910	6298	6334	6370	6406	6442
360	2700	20	3.45	7103	7154	7206	7259	7313	6570	6625	6682	6739	6796
400	2700	20	3.38	7151	7198	7246	7294	7343	6622	6672	6724	6776	6829
440	2700	20	3.31	7193	7237	7281	7325	7370	6667	6714	6761	6809	6858
480	2700	20	3.25	7231	7271	7312	7353	7395	6708	6751	6795	6840	6884
520	2700	20	3.19	7264	7302	7340	7379	7418	6744	6785	6826	6867	6909
560	2700	20	3.13	7295	7330	7366	7402	7439	6777	6815	6853	6892	6931
360	2800	20	3.59	7352	7405	7459	7513	7569	6798	6855	6913	6972	7032
400	2800	20	3.52	7402	7450	7500	7550	7600	6852	6904	6957	7011	7066
440	2800	20	3.45	7446	7491	7536	7582	7629	6900	6948	6997	7046	7096
480	2800	20	3.38	7485	7527	7569	7612	7655	6942	6987	7032	7078	7124
520	2800	20	3.32	7521	7559	7599	7639	7679	6980	7022	7064	7107	7150
560	2800	20	3.26	7552	7589	7626	7663	7701	7014	7054	7093	7133	7174

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	2900	20	3.73	7599	7654	7710	7766	7823	7024	7083	7143	7204	7266
400	2900	20	3.65	7652	7702	7752	7804	7856	7081	7135	7190	7245	7301
440	2900	20	3.58	7698	7744	7791	7838	7886	7131	7181	7231	7282	7334
480	2900	20	3.52	7739	7782	7825	7869	7914	7175	7221	7268	7315	7363
520	2900	20	3.45	7776	7816	7856	7898	7939	7215	7258	7302	7346	7390
560	2900	20	3.39	7809	7847	7885	7923	7962	7251	7291	7332	7374	7416
360	1500	30	1.43	2862	2876	2890	2904	2918	2437	2454	2470	2486	2503
400	1500	30	1.40	2872	2885	2898	2911	2923	2450	2464	2479	2494	2509
440	1500	30	1.37	2882	2893	2905	2916	2928	2460	2474	2487	2501	2515
480	1500	30	1.34	2889	2900	2911	2922	2933	2470	2482	2495	2507	2520
360	2000	30	1.81	3803	3821	3840	3858	3877	3235	3256	3278	3299	3321
400	2000	30	1.77	3817	3834	3851	3868	3885	3251	3271	3291	3310	3330
440	2000	30	1.74	3830	3845	3860	3876	3892	3266	3284	3302	3320	3338
480	2000	30	1.70	3841	3855	3869	3883	3898	3279	3295	3312	3329	3345
520	2000	30	1.67	3850	3863	3876	3890	3903	3290	3305	3321	3336	3352
560	2000	30	1.64	3858	3871	3883	3896	3908	3300	3314	3329	3343	3358
360	2500	30	2.22	4737	4760	4783	4806	4829	4024	4051	4077	4104	4132
400	2500	30	2.17	4756	4776	4797	4818	4839	4046	4070	4094	4119	4144
440	2500	30	2.12	4772	4791	4810	4829	4848	4064	4087	4109	4132	4154
480	2500	30	2.08	4786	4803	4821	4839	4857	4081	4101	4122	4143	4164
520	2500	30	2.04	4798	4814	4831	4847	4864	4095	4114	4134	4153	4172
560	2500	30	2.00	4809	4824	4840	4855	4871	4108	4126	4144	4162	4180

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	3000	30	2.64	5665	5691	5719	5746	5774	4805	4837	4869	4901	4933
400	3000	30	2.59	5687	5712	5737	5762	5787	4832	4861	4890	4919	4948
440	3000	30	2.54	5707	5730	5752	5775	5798	4855	4881	4908	4935	4962
480	3000	30	2.49	5724	5745	5766	5788	5809	4875	4900	4924	4949	4974
520	3000	30	2.44	5740	5759	5779	5799	5818	4893	4916	4939	4962	4985
560	3000	30	2.39	5754	5772	5790	5809	5827	4910	4931	4952	4974	4996
360	3500	30	3.10	6584	6615	6646	6678	6710	5577	5613	5650	5688	5725
400	3500	30	3.03	6611	6640	6668	6697	6726	5609	5642	5676	5710	5744
440	3500	30	2.97	6635	6661	6687	6714	6741	5637	5668	5698	5730	5761
480	3500	30	2.91	6656	6680	6704	6729	6754	5662	5690	5718	5747	5776
520	3500	30	2.85	6675	6697	6720	6743	6766	5683	5710	5736	5763	5790
560	3500	30	2.80	6691	6712	6734	6755	6777	5703	5728	5753	5778	5803
360	4000	30	3.58	7495	7530	7565	7601	7638	6338	6380	6421	6464	6507
400	4000	30	3.50	7527	7559	7591	7624	7657	6376	6414	6452	6490	6529
440	4000	30	3.43	7555	7585	7614	7644	7675	6409	6444	6479	6514	6550
480	4000	30	3.36	7580	7607	7635	7663	7691	6438	6471	6503	6536	6568
520	4000	30	3.30	7602	7627	7653	7679	7705	6465	6494	6525	6555	6585
560	4000	30	3.23	7622	7646	7670	7694	7719	6488	6516	6544	6573	6601
360	4500	30	4.08	8396	8435	8475	8515	8555	7088	7135	7181	7229	7276
400	4500	30	4.00	8433	8469	8505	8542	8578	7132	7175	7217	7260	7303
440	4500	30	3.92	8466	8499	8532	8566	8599	7171	7210	7249	7288	7328
480	4500	30	3.84	8495	8526	8556	8587	8619	7205	7241	7277	7314	7350
520	4500	30	3.76	8521	8549	8578	8607	8636	7236	7269	7303	7337	7371
560	4500	30	3.69	8544	8571	8598	8625	8652	7263	7295	7326	7358	7390

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	5000	30	4.62	9287	9330	9374	9418	9462	7827	7878	7929	7981	8034
400	5000	30	4.52	9330	9369	9409	9449	9490	7877	7924	7971	8018	8066
440	5000	30	4.43	9368	9404	9440	9477	9514	7922	7964	8008	8051	8095
480	5000	30	4.34	9401	9435	9468	9503	9537	7961	8001	8041	8081	8121
520	5000	30	4.25	9431	9462	9494	9526	9558	7997	8033	8071	8108	8146
560	5000	30	4.17	9458	9488	9517	9547	9577	8029	8063	8098	8133	8168
360	3000	45	1.92	4129	4141	4152	4164	4176	2837	2854	2871	2888	2905
400	3000	45	1.88	4138	4148	4159	4170	4180	2850	2865	2880	2896	2911
440	3000	45	1.84	4145	4155	4164	4174	4184	2860	2874	2888	2902	2917
480	3000	45	1.80	4152	4160	4169	4178	4187	2870	2883	2895	2908	2921
360	3500	45	2.22	4812	4825	4839	4852	4866	3302	3322	3341	3361	3381
400	3500	45	2.17	4822	4834	4846	4859	4871	3317	3335	3352	3370	3388
440	3500	45	2.12	4831	4842	4853	4865	4876	3330	3346	3362	3378	3395
480	3500	45	2.08	4838	4849	4859	4870	4880	3341	3356	3371	3386	3401
520	3500	45	2.04	4845	4855	4864	4874	4884	3350	3364	3378	3392	3406
360	4000	45	2.52	5493	5508	5523	5539	5555	3764	3786	3809	3831	3854
400	4000	45	2.47	5504	5518	5532	5546	5561	3781	3802	3822	3842	3863
440	4000	45	2.41	5515	5527	5540	5553	5566	3796	3815	3833	3852	3871
480	4000	45	2.36	5524	5535	5547	5559	5571	3809	3826	3843	3861	3878
520	4000	45	2.32	5531	5542	5553	5564	5576	3821	3836	3852	3868	3884
560	4000	45	2.27	5538	5549	5559	5569	5580	3831	3845	3860	3875	3890

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	4500	45	2.84	6172	6189	6206	6223	6241	4224	4249	4274	4299	4324
400	4500	45	2.78	6185	6201	6216	6232	6248	4243	4266	4289	4312	4335
440	4500	45	2.72	6197	6211	6226	6240	6255	4260	4281	4302	4323	4344
480	4500	45	2.66	6207	6220	6234	6247	6260	4275	4294	4314	4333	4352
520	4500	45	2.61	6216	6228	6241	6253	6266	4288	4306	4324	4342	4360
560	4500	45	2.56	6224	6236	6247	6259	6270	4300	4317	4333	4350	4367
360	5000	45	3.17	6848	6867	6887	6906	6925	4680	4708	4735	4763	4792
400	5000	45	3.10	6864	6881	6898	6916	6934	4702	4728	4753	4778	4804
440	5000	45	3.03	6877	6893	6909	6925	6941	4722	4745	4768	4791	4814
480	5000	45	2.97	6889	6903	6918	6933	6948	4739	4760	4781	4803	4824
520	5000	45	2.91	6899	6913	6926	6940	6954	4754	4773	4793	4813	4833
560	5000	45	2.85	6908	6921	6934	6947	6960	4767	4785	4804	4822	4841
360	5500	45	3.51	7523	7544	7565	7586	7607	5133	5163	5194	5225	5256
400	5500	45	3.43	7540	7559	7578	7598	7617	5158	5186	5214	5241	5269
440	5500	45	3.36	7556	7573	7590	7608	7626	5180	5206	5231	5256	5282
480	5500	45	3.29	7569	7585	7601	7617	7633	5199	5223	5246	5270	5293
520	5500	45	3.22	7580	7595	7610	7625	7640	5216	5238	5260	5282	5303
560	5500	45	3.16	7591	7605	7619	7633	7647	5232	5252	5272	5292	5313
360	6000	45	3.87	8196	8218	8241	8264	8287	5583	5616	5649	5683	5716
400	6000	45	3.78	8215	8235	8256	8277	8298	5611	5641	5671	5702	5732
440	6000	45	3.70	8232	8251	8269	8289	8308	5636	5663	5691	5718	5746
480	6000	45	3.62	8246	8264	8281	8299	8317	5657	5682	5708	5733	5759
520	6000	45	3.55	8259	8276	8292	8308	8325	5676	5700	5723	5747	5771
560	6000	45	3.48	8271	8286	8302	8317	8332	5693	5715	5737	5759	5782

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	6500	45	4.24	8866	8890	8915	8939	8964	6029	6065	6101	6137	6173
400	6500	45	4.15	8887	8909	8931	8954	8977	6060	6093	6125	6158	6191
440	6500	45	4.06	8906	8926	8946	8967	8988	6088	6117	6147	6177	6207
480	6500	45	3.97	8922	8941	8960	8979	8998	6112	6139	6166	6194	6222
520	6500	45	3.89	8937	8954	8972	8989	9007	6133	6158	6184	6209	6235
560	6500	45	3.81	8950	8966	8982	8999	9016	6152	6176	6199	6223	6247
360	7000	45	4.62	9533	9559	9586	9612	9639	6472	6510	6549	6587	6626
400	7000	45	4.52	9557	9580	9604	9628	9653	6506	6541	6576	6611	6646
440	7000	45	4.42	9577	9599	9621	9643	9665	6536	6568	6600	6632	6665
480	7000	45	4.33	9595	9615	9636	9656	9677	6563	6592	6622	6651	6681
520	7000	45	4.24	9611	9630	9649	9668	9687	6586	6614	6641	6669	6696
560	7000	45	4.16	9626	9643	9661	9679	9697	6607	6633	6659	6684	6710
360	7500	45	5.02	10198	10226	10254	10282	10311	6910	6951	6992	7034	7075
400	7500	45	4.91	10224	10249	10275	10300	10326	6948	6985	7023	7060	7098
440	7500	45	4.80	10246	10270	10293	10317	10340	6981	7015	7049	7084	7118
480	7500	45	4.70	10266	10288	10309	10331	10353	7010	7042	7073	7105	7137
520	7500	45	4.60	10284	10304	10324	10344	10365	7036	7066	7095	7124	7154
560	7500	45	4.51	10300	10319	10338	10356	10375	7060	7087	7114	7142	7169
360	8000	45	5.43	10860	10890	10919	10949	10980	7345	7388	7432	7476	7520
400	8000	45	5.31	10888	10915	10942	10969	10997	7386	7426	7465	7505	7545
440	8000	45	5.19	10913	10938	10962	10987	11012	7422	7459	7495	7531	7568
480	8000	45	5.08	10935	10957	10980	11003	11027	7454	7488	7521	7555	7589
520	8000	45	4.98	10954	10975	10997	11018	11040	7483	7514	7545	7576	7608
560	8000	45	4.88	10972	10992	11012	11032	11052	7509	7538	7567	7596	7625

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK					HORIZONTAL RANGE - FT - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	5000	60	2.58	5690	5699	5708	5718	5727	2716	2735	2754	2773	2793
400	5000	60	2.53	5696	5705	5713	5721	5730	2729	2746	2764	2781	2799
440	5000	60	2.47	5702	5709	5717	5725	5732	2740	2756	2772	2788	2804
480	5000	60	2.42	5706	5713	5721	5728	5735	2750	2765	2779	2794	2809
360	5500	60	2.84	6256	6266	6277	6287	6297	2982	3003	3024	3045	3066
400	5500	60	2.78	6263	6273	6282	6291	6300	2997	3016	3035	3054	3073
440	5500	60	2.72	6270	6278	6286	6295	6303	3009	3027	3044	3062	3079
480	5500	60	2.66	6275	6282	6290	6298	6306	3020	3036	3052	3068	3084
520	5500	60	2.61	6279	6286	6294	6301	6308	3030	3045	3060	3074	3089
360	6000	60	3.11	6822	6833	6844	6855	6866	3247	3270	3293	3316	3339
400	6000	60	3.04	6830	6840	6850	6860	6870	3263	3284	3305	3326	3347
440	6000	60	2.98	6837	6846	6855	6864	6874	3277	3296	3315	3334	3353
480	6000	60	2.92	6843	6851	6859	6868	6876	3289	3307	3324	3342	3359
520	6000	60	2.86	6848	6855	6863	6871	6879	3300	3316	3332	3349	3365
560	6000	60	2.80	6852	6859	6867	6874	6882	3309	3324	3340	3355	3370
360	6500	60	3.39	7388	7399	7411	7423	7435	3511	3536	3560	3585	3610
400	6500	60	3.32	7396	7407	7418	7429	7440	3529	3551	3574	3596	3619
440	6500	60	3.24	7404	7413	7423	7433	7443	3544	3565	3585	3606	3626
480	6500	60	3.17	7410	7419	7428	7437	7447	3558	3576	3595	3614	3633
520	6500	60	3.11	7415	7424	7432	7441	7450	3569	3587	3604	3622	3639
560	6500	60	3.05	7420	7428	7436	7444	7452	3580	3596	3612	3629	3645

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AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	7000	60	3.68	7952	7965	7978	7991	8004	3773	3800	3827	3853	3880
400	7000	60	3.60	7962	7973	7985	7996	8008	3793	3817	3841	3866	3890
440	7000	60	3.52	7970	7980	7991	8002	8012	3810	3832	3854	3876	3898
480	7000	60	3.44	7977	7986	7996	8006	8016	3825	3845	3865	3886	3906
520	7000	60	3.37	7983	7992	8001	8010	8019	3837	3856	3875	3894	3913
560	7000	60	3.30	7988	7997	8005	8014	8022	3849	3866	3884	3902	3919
360	7500	60	3.97	8516	8530	8543	8557	8571	4034	4063	4092	4120	4149
400	7500	60	3.88	8526	8539	8551	8564	8576	4056	4082	4108	4134	4160
440	7500	60	3.80	8535	8547	8558	8569	8581	4074	4098	4122	4145	4169
480	7500	60	3.72	8543	8553	8564	8574	8585	4090	4112	4134	4156	4178
520	7500	60	3.64	8550	8559	8569	8579	8589	4104	4124	4145	4165	4185
560	7500	60	3.57	8556	8565	8574	8583	8592	4117	4136	4154	4173	4192
360	8000	60	4.28	9080	9094	9109	9123	9138	4294	4325	4355	4386	4416
400	8000	60	4.18	9091	9104	9117	9130	9144	4317	4345	4373	4400	4428
440	8000	60	4.09	9100	9112	9124	9136	9149	4337	4363	4388	4413	4438
480	8000	60	4.00	9108	9120	9131	9142	9153	4355	4378	4401	4424	4448
520	8000	60	3.92	9116	9126	9136	9147	9157	4370	4392	4413	4435	4456
560	8000	60	3.84	9122	9132	9142	9151	9161	4384	4404	4424	4444	4464
360	8500	60	4.59	9642	9658	9673	9689	9704	4553	4585	4617	4650	4682
400	8500	60	4.48	9654	9668	9682	9696	9710	4578	4607	4636	4665	4695
440	8500	60	4.39	9665	9677	9690	9703	9716	4599	4626	4653	4679	4706
480	8500	60	4.29	9673	9685	9697	9709	9721	4618	4643	4667	4692	4717
520	8500	60	4.20	9681	9692	9703	9714	9726	4635	4657	4680	4703	4726
560	8500	60	4.12	9688	9699	9709	9719	9730	4649	4671	4692	4713	4735

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGLE DEG	TIME OF FLT SEC	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20	HORIZONTAL RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS -20	-10	0	10	20
360	9000	60	4.91	10204	10220	10237	10253	10270	4809	4843	4878	4912	4946
400	9000	60	4.80	10217	10232	10247	10261	10276	4836	4867	4898	4929	4960
440	9000	60	4.69	10228	10242	10255	10269	10283	4860	4888	4916	4944	4973
480	9000	60	4.59	10238	10250	10263	10275	10288	4880	4906	4932	4958	4984
520	9000	60	4.50	10246	10258	10270	10281	10293	4898	4922	4946	4970	4995
560	9000	60	4.40	10254	10265	10276	10287	10298	4914	4936	4959	4981	5004
360	9500	60	5.24	10766	10783	10800	10817	10834	5064	5100	5136	5173	5209
400	9500	60	5.12	10779	10795	10810	10826	10842	5093	5126	5159	5191	5224
440	9500	60	5.01	10791	10805	10820	10834	10848	5119	5148	5178	5208	5238
480	9500	60	4.90	10802	10815	10828	10841	10854	5140	5168	5195	5223	5250
520	9500	60	4.80	10811	10823	10835	10847	10860	5160	5185	5211	5236	5262
560	9500	60	4.70	10819	10830	10842	10853	10865	5177	5201	5224	5248	5272
360	10000	60	5.58	11326	11344	11362	11380	11398	5318	5356	5394	5432	5470
400	10000	60	5.45	11341	11357	11373	11390	11406	5349	5383	5418	5452	5487
440	10000	60	5.33	11353	11368	11383	11398	11413	5376	5407	5439	5470	5502
480	10000	60	5.21	11365	11378	11392	11406	11420	5399	5428	5457	5486	5515
520	10000	60	5.10	11374	11387	11400	11413	11426	5420	5447	5474	5501	5527
560	10000	60	5.00	11383	11395	11407	11419	11431	5439	5464	5489	5514	5539
360	10500	60	5.92	11886	11904	11923	11942	11961	5570	5609	5649	5689	5729
400	10500	60	5.79	11901	11918	11935	11953	11970	5603	5639	5675	5711	5747
440	10500	60	5.66	11915	11931	11946	11962	11978	5632	5665	5697	5730	5764
480	10500	60	5.54	11927	11941	11956	11970	11985	5657	5687	5717	5748	5778
520	10500	60	5.42	11937	11951	11964	11978	11991	5679	5707	5735	5763	5792
560	10500	60	5.31	11947	11959	11972	11985	11997	5699	5725	5751	5778	5804

RANGE TABLES

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	SLANT RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS					HORIZONTAL RANGE - FT CAGED SIGHT LINE ANGLE OF ATTACK - MILS				
KTS	FT	DEG	SEC	-20	-10	0	10	20	-20	-10	0	10	20
360	11000	60	6.28	12445	12464	12484	12504	12524	5820	5861	5903	5945	5987
400	11000	60	6.13	12461	12479	12497	12515	12533	5855	5893	5930	5968	6006
440	11000	60	6.00	12476	12492	12508	12525	12541	5886	5920	5955	5989	6024
480	11000	60	5.87	12488	12503	12519	12534	12549	5913	5944	5976	6008	6040
520	11000	60	5.74	12500	12514	12528	12542	12556	5937	5966	5995	6025	6054
560	11000	60	5.63	12510	12523	12536	12549	12563	5958	5985	6013	6040	6068
360	11500	60	6.64	13003	13023	13044	13064	13085	6068	6112	6155	6199	6242
400	11500	60	6.49	13020	13039	13057	13076	13095	6106	6145	6184	6224	6264
440	11500	60	6.34	13036	13053	13070	13087	13104	6139	6174	6210	6246	6283
480	11500	60	6.21	13049	13065	13081	13097	13113	6167	6200	6233	6267	6300
520	11500	60	6.08	13061	13076	13091	13105	13120	6193	6223	6254	6285	6316
560	11500	60	5.95	13072	13086	13100	13113	13127	6215	6244	6273	6301	6330
360	12000	60	7.00	13560	13581	13602	13624	13646	6315	6360	6405	6451	6496
400	12000	60	6.85	13579	13598	13617	13637	13656	6355	6395	6437	6478	6519
440	12000	60	6.70	13595	13613	13630	13648	13666	6389	6427	6464	6502	6540
480	12000	60	6.55	13609	13626	13642	13659	13675	6420	6454	6489	6523	6558
520	12000	60	6.41	13622	13637	13653	13668	13683	6447	6479	6511	6543	6575
560	12000	60	6.28	13634	13648	13662	13677	13691	6471	6501	6531	6561	6591

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	1000	10	2.37	40	80	120	160	200	2	3	5	6	8
400	1000	10	2.33	39	79	118	157	197	1	3	4	6	7
440	1000	10	2.29	39	77	116	155	193	1	3	4	6	7
480	1000	10	2.25	38	76	114	152	190	1	3	4	6	7
520	1000	10	2.21	37	75	112	149	187	1	3	4	5	7
560	1000	10	2.17	37	73	110	147	184	1	3	4	5	7
360	1250	10	2.94	50	99	149	198	248	2	3	5	6	8
400	1250	10	2.89	49	97	146	195	244	2	3	5	6	8
440	1250	10	2.84	48	96	144	192	240	1	3	4	6	7
480	1250	10	2.79	47	94	141	189	236	1	3	4	6	7
520	1250	10	2.74	46	93	139	185	232	1	3	4	6	7
560	1250	10	2.70	46	91	137	182	228	1	3	4	5	7
360	1250	15	2.08	35	70	105	141	176	2	4	6	9	11
400	1250	15	2.04	34	69	103	138	172	2	4	6	8	10
440	1250	15	2.00	34	68	101	135	169	2	4	6	8	10
480	1250	15	1.96	33	66	100	133	166	2	4	6	8	10
520	1250	15	1.93	33	65	98	130	163	2	4	6	8	10
560	1250	15	1.89	32	64	96	128	160	2	4	6	8	10
360	1500	15	2.47	42	83	125	167	208	2	4	6	9	11
400	1500	15	2.42	41	82	123	163	204	2	4	6	8	11
440	1500	15	2.37	40	80	120	160	200	2	4	6	8	10
480	1500	15	2.33	39	79	118	157	197	2	4	6	8	10
520	1500	15	2.29	39	77	116	155	193	2	4	6	8	10
560	1500	15	2.25	38	76	114	152	190	2	4	6	8	10

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	1750	15	2.87	48	97	145	194	242	2	4	7	9	11
400	1750	15	2.82	48	95	143	190	238	2	4	6	9	11
440	1750	15	2.76	47	93	140	187	233	2	4	6	8	10
480	1750	15	2.71	46	92	137	183	229	2	4	6	8	10
520	1750	15	2.66	45	90	135	180	225	2	4	6	8	10
560	1750	15	2.62	44	88	133	177	221	2	4	6	8	10
360	2100	15	3.47	59	117	176	234	293	2	5	7	9	11
400	2100	15	3.40	57	115	172	230	287	2	4	7	9	11
440	2100	15	3.34	56	113	169	226	282	2	4	6	9	11
480	2100	15	3.28	55	111	166	222	277	2	4	6	8	10
520	2100	15	3.22	54	109	163	218	272	2	4	6	8	10
560	2100	15	3.17	53	107	160	214	267	2	4	6	8	10
360	2200	15	3.65	62	123	185	246	308	2	5	7	9	11
400	2200	15	3.58	60	121	181	242	302	2	4	7	9	11
440	2200	15	3.51	59	119	178	237	297	2	4	6	9	11
480	2200	15	3.45	58	117	175	233	291	2	4	6	8	11
520	2200	15	3.39	57	114	172	229	286	2	4	6	8	10
560	2200	15	3.33	56	112	169	225	281	2	4	6	8	10
360	2300	15	3.83	65	129	194	258	323	2	5	7	9	12
400	2300	15	3.76	63	127	190	254	317	2	4	7	9	11
440	2300	15	3.69	62	125	187	249	311	2	4	7	9	11
480	2300	15	3.62	61	122	183	245	306	2	4	6	9	11
520	2300	15	3.56	60	120	180	240	300	2	4	5	8	10
560	2300	15	3.50	59	118	177	236	295	2	4	6	8	10

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	2400	15	4.01	68	135	203	271	339	2	5	7	9	12
400	2400	15	3.94	66	133	199	266	332	2	5	7	9	11
440	2400	15	3.86	65	131	196	261	326	2	4	7	9	11
480	2400	15	3.80	64	128	192	256	321	2	4	6	9	11
520	2400	15	3.73	63	126	189	252	315	2	4	6	8	10
560	2400	15	3.66	62	124	186	248	309	2	4	6	8	10
360	2500	15	4.20	71	142	213	283	354	2	5	7	9	12
400	2500	15	4.12	70	139	209	278	348	2	5	7	9	11
440	2500	15	4.04	68	137	205	273	342	2	4	7	9	11
480	2500	15	3.97	67	134	201	268	336	2	4	7	9	11
520	2500	15	3.90	66	132	198	264	330	2	4	6	8	11
560	2500	15	3.84	65	130	194	259	324	2	4	6	8	10
360	1750	20	2.23	38	75	113	151	188	3	6	8	11	14
400	1750	20	2.18	37	74	111	148	184	3	5	8	11	14
440	1750	20	2.14	36	72	108	145	181	3	5	8	11	13
480	1750	20	2.10	35	71	106	142	177	3	5	8	10	13
520	1750	20	2.06	35	70	104	139	174	3	5	8	10	13
560	1750	20	2.02	34	68	102	137	171	2	5	7	10	12
360	2000	20	2.53	43	86	128	171	214	3	6	8	11	14
400	2000	20	2.48	42	84	126	168	210	3	5	8	11	14
440	2000	20	2.43	41	82	123	164	205	3	5	8	11	13
480	2000	20	2.39	40	81	121	161	202	3	5	8	10	13
520	2000	20	2.34	40	79	119	158	198	3	5	8	10	13
560	2000	20	2.30	39	78	116	155	194	2	5	7	10	12

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	2400	20	3.04	51	103	154	206	257	3	6	9	11	14
400	2400	20	2.98	50	101	151	202	252	3	6	8	11	14
440	2400	20	2.93	49	99	148	198	247	3	5	8	11	13
480	2400	20	2.87	48	97	145	194	242	3	5	8	11	13
520	2400	20	2.82	48	95	143	190	238	3	5	8	10	13
560	2400	20	2.76	47	93	140	187	233	3	5	8	10	13
360	2500	20	3.18	54	107	161	215	268	3	6	9	11	14
400	2500	20	3.11	53	105	158	210	263	3	6	8	11	14
440	2500	20	3.05	52	103	155	206	258	3	5	8	11	14
480	2500	20	2.99	51	101	152	202	253	3	5	8	11	13
520	2500	20	2.94	50	99	149	199	248	3	5	8	10	13
560	2500	20	2.88	49	97	146	195	244	3	5	8	10	13
360	2700	20	3.45	58	116	175	233	291	3	6	9	12	14
400	2700	20	3.38	57	114	171	228	285	3	6	8	11	14
440	2700	20	3.31	56	112	168	224	280	3	5	8	11	14
480	2700	20	3.25	55	110	165	220	275	3	5	8	11	13
520	2700	20	3.19	54	108	162	216	269	3	5	8	10	13
560	2700	20	3.13	53	106	159	212	264	3	5	8	10	13
360	2800	20	3.59	61	121	182	242	303	3	6	9	12	15
400	2800	20	3.52	59	119	178	238	297	3	6	9	11	14
440	2800	20	3.45	58	116	175	233	291	3	6	8	11	14
480	2800	20	3.38	57	114	171	228	286	3	5	8	11	13
520	2800	20	3.32	56	112	168	224	280	3	5	8	11	13
560	2800	20	3.26	55	110	165	220	275	3	5	8	10	13

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	2900	20	3.73	63	126	189	252	315	3	6	9	12	15
400	2900	20	3.65	62	123	185	247	309	3	6	9	11	14
440	2900	20	3.58	61	121	182	242	303	3	6	8	11	14
480	2900	20	3.52	59	119	178	237	297	3	5	8	11	14
520	2900	20	3.45	58	117	175	233	291	3	5	8	11	13
560	2900	20	3.39	57	114	172	229	286	3	5	8	10	13
360	1500	30	1.43	24	48	72	96	121	4	8	13	17	21
400	1500	30	1.40	24	47	71	94	118	4	8	12	16	21
440	1500	30	1.37	23	46	69	93	116	4	8	12	16	20
480	1500	30	1.34	23	45	68	91	113	4	8	12	16	20
360	2000	30	1.81	31	61	92	122	153	4	8	12	16	20
400	2000	30	1.77	30	60	90	120	150	4	8	12	16	20
440	2000	30	1.74	29	59	88	117	147	4	8	12	15	19
480	2000	30	1.70	29	57	86	115	144	4	8	11	15	19
520	2000	30	1.67	28	56	85	113	141	4	7	11	15	18
560	2000	30	1.64	28	55	83	111	138	4	7	11	14	18
360	2500	30	2.22	37	75	112	150	187	4	8	12	16	20
400	2500	30	2.17	37	73	110	147	183	4	8	12	15	19
440	2500	30	2.12	36	72	108	144	179	4	8	11	15	19
480	2500	30	2.08	35	70	105	141	176	4	7	11	15	18
520	2500	30	2.04	34	69	103	138	172	4	7	11	14	18
560	2500	30	2.00	34	68	101	135	169	4	7	11	14	18

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	3000	30	2.64	45	89	134	179	223	4	8	12	16	20
400	3000	30	2.59	44	87	131	175	219	4	8	12	16	19
440	3000	30	2.54	43	86	128	171	214	4	8	11	15	19
480	3000	30	2.49	42	84	126	168	210	4	7	11	15	19
520	3000	30	2.44	41	82	123	165	206	4	7	11	14	18
560	3000	30	2.39	40	81	121	161	202	4	7	11	14	18
360	3500	30	3.10	52	105	157	209	262	4	8	12	16	20
400	3500	30	3.03	51	102	154	205	256	4	8	12	16	20
440	3500	30	2.97	50	100	151	201	251	4	8	11	15	19
480	3500	30	2.91	49	98	148	197	246	4	7	11	15	19
520	3500	30	2.85	48	96	145	193	241	4	7	11	15	18
560	3500	30	2.80	47	95	142	189	236	4	7	11	14	18
360	4000	30	3.58	60	121	181	242	302	4	8	12	16	21
400	4000	30	3.50	59	118	177	237	296	4	8	12	16	20
440	4000	30	3.43	58	116	174	232	290	4	8	12	16	20
480	4000	30	3.36	57	114	170	227	284	4	8	11	15	19
520	4000	30	3.30	56	111	167	223	278	4	7	11	15	19
560	4000	30	3.23	55	109	164	218	273	4	7	11	15	18
360	4500	30	4.08	69	138	207	276	345	4	8	13	17	21
400	4500	30	4.00	68	135	203	270	338	4	8	12	16	20
440	4500	30	3.92	66	132	198	265	331	4	8	12	16	20
480	4500	30	3.84	65	130	194	259	324	4	8	12	16	19
520	4500	30	3.76	64	127	191	254	318	4	8	11	15	19
560	4500	30	3.69	62	125	187	249	311	4	7	11	15	19

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS KTS	ALT ABOVE TGT FT	DIVE ANGL DEG	TIME OF FLT SEC	WIND EFFECT-FT 10	20	30	40	50	SIGHTING CORRECTION-MILS WIND VELOCITY-KTS 10	20	30	40	50
360	5000	30	4.62	78	156	234	312	390	4	9	13	17	22
400	5000	30	4.52	76	153	229	305	382	4	8	13	17	21
440	5000	30	4.43	75	150	224	299	374	4	8	12	16	20
480	5000	30	4.34	73	147	220	293	366	4	8	12	16	20
520	5000	30	4.25	72	144	215	287	359	4	8	12	16	20
560	5000	30	4.17	70	141	211	282	352	4	8	11	15	19
360	3000	45	1.92	32	65	97	130	162	6	11	17	22	28
400	3000	45	1.88	32	64	95	127	159	5	11	16	22	27
440	3000	45	1.84	31	62	93	124	156	5	11	16	21	27
480	3000	45	1.80	30	61	91	122	152	5	10	16	21	26
360	3500	45	2.22	37	75	112	150	187	5	11	16	22	27
400	3500	45	2.17	37	73	110	146	183	5	11	16	21	27
440	3500	45	2.12	36	72	108	143	179	5	10	16	21	26
480	3500	45	2.08	35	70	105	140	176	5	10	15	21	26
520	3500	45	2.04	34	69	103	138	172	5	10	15	20	25
560	3500	45	2.00	34	67	101	135	169	5	10	15	20	25
360	4000	45	2.52	43	85	128	170	213	5	11	16	22	27
400	4000	45	2.47	42	83	125	167	208	5	11	16	21	27
440	4000	45	2.41	41	82	122	163	204	5	10	16	21	26
480	4000	45	2.36	40	80	120	160	200	5	10	15	20	26
520	4000	45	2.32	39	78	117	157	196	5	10	15	20	25
560	4000	45	2.27	38	77	115	153	192	5	10	15	20	25

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	4500	45	2.84	48	96	144	192	240	6	11	17	22	28
400	4500	45	2.78	47	94	141	188	234	5	11	16	21	27
440	4500	45	2.72	46	92	138	184	229	5	11	16	21	26
480	4500	45	2.66	45	90	135	180	225	5	10	15	21	26
520	4500	45	2.61	44	88	132	176	220	5	10	15	20	25
560	4500	45	2.56	43	86	130	173	216	5	10	15	20	25
360	5000	45	3.17	54	107	161	214	268	6	11	17	22	28
400	5000	45	3.10	52	105	157	209	262	5	11	16	22	27
440	5000	45	3.03	51	102	154	205	256	5	11	16	21	26
480	5000	45	2.97	50	100	150	201	251	5	10	16	21	26
520	5000	45	2.91	49	98	147	197	246	5	10	15	20	25
560	5000	45	2.85	48	96	145	193	241	5	10	15	20	25
360	5500	45	3.51	59	119	178	237	297	6	11	17	22	28
400	5500	45	3.43	58	116	174	232	290	5	11	16	22	27
440	5500	45	3.36	57	114	170	227	284	5	11	16	21	27
480	5500	45	3.29	56	111	167	222	278	5	10	16	21	26
520	5500	45	3.22	54	109	163	218	272	5	10	15	20	26
560	5500	45	3.16	53	107	160	213	267	5	10	15	20	25
360	6000	45	3.87	65	131	196	261	327	6	11	17	23	28
400	6000	45	3.78	64	128	192	256	320	6	11	17	22	28
440	6000	45	3.70	63	125	188	250	313	5	11	16	22	27
480	6000	45	3.62	61	122	184	245	306	5	11	16	21	26
520	6000	45	3.55	60	120	180	240	300	5	10	16	21	26
560	6000	45	3.48	59	118	176	235	294	5	10	15	20	25

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	6500	45	4.24	72	143	215	286	358	6	12	17	23	29
400	6500	45	4.15	70	140	210	280	350	6	11	17	22	28
440	6500	45	4.06	69	137	206	274	343	5	11	16	22	27
480	6500	45	3.97	67	134	201	268	335	5	11	16	21	27
520	6500	45	3.89	66	131	197	263	328	5	10	16	21	26
560	6500	45	3.81	64	129	193	258	322	5	10	15	21	26
360	7000	45	4.62	78	156	234	312	390	6	12	18	23	29
400	7000	45	4.52	76	153	229	305	382	6	11	17	23	29
440	7000	45	4.42	75	149	224	299	373	6	11	17	22	28
480	7000	45	4.33	73	146	219	292	366	5	11	16	22	27
520	7000	45	4.24	72	143	215	286	358	5	11	16	21	27
560	7000	45	4.16	70	140	211	281	351	5	10	16	21	26
360	7500	45	5.02	85	170	254	339	424	6	12	18	24	30
400	7500	45	4.91	83	166	249	332	414	6	12	17	23	29
440	7500	45	4.80	81	162	243	324	406	6	11	17	23	28
480	7500	45	4.70	79	159	238	318	397	6	11	17	22	28
520	7500	45	4.60	78	156	233	311	389	5	11	16	22	27
560	7500	45	4.51	76	152	229	305	381	5	11	16	21	26
360	8000	45	5.43	92	183	275	367	458	6	12	18	24	30
400	8000	45	5.31	90	179	269	359	448	6	12	18	24	29
440	8000	45	5.19	88	175	263	351	439	6	12	17	23	29
480	8000	45	5.08	86	172	258	343	429	6	11	17	22	28
520	8000	45	4.98	84	168	252	336	421	5	11	16	22	27
560	8000	45	4.88	82	165	247	330	412	5	11	16	22	27

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS WIND VELOCITY-KTS				
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	5000	60	2.58	44	87	131	174	218	7	13	20	26	33
400	5000	60	2.53	43	85	128	171	213	6	13	19	26	32
440	5000	60	2.47	42	83	125	167	209	6	13	19	25	32
480	5000	60	2.42	41	82	123	163	204	6	12	19	25	31
360	5500	60	2.84	48	96	144	192	240	7	13	20	27	33
400	5500	60	2.78	47	94	141	188	235	6	13	19	26	32
440	5500	60	2.72	46	92	138	184	230	6	13	19	25	32
480	5500	60	2.66	45	90	135	180	225	6	12	19	25	31
520	5500	60	2.61	44	88	132	176	220	6	12	18	24	30
360	6000	60	3.11	53	105	158	210	263	7	13	20	27	33
400	6000	60	3.04	51	103	154	206	257	7	13	20	26	33
440	6000	60	2.98	50	101	151	201	251	6	13	19	25	32
480	6000	60	2.92	49	98	148	197	246	6	12	19	25	31
520	6000	60	2.86	48	96	145	193	241	6	12	18	24	30
560	6000	60	2.80	47	95	142	189	236	6	12	18	24	30
360	6500	60	3.39	57	115	172	229	286	7	13	20	27	34
400	6500	60	3.32	56	112	168	224	280	7	13	20	26	33
440	6500	60	3.24	55	110	164	219	274	6	13	19	26	32
480	6500	60	3.17	54	107	161	214	268	6	13	19	25	31
520	6500	60	3.11	53	105	158	210	263	6	12	18	25	31
560	6500	60	3.05	51	103	154	206	257	6	12	18	24	30

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	7000	60	3.68	62	124	186	248	311	7	14	20	27	34
400	7000	60	3.60	61	121	182	243	304	7	13	20	26	33
440	7000	60	3.52	59	119	178	238	297	6	13	19	26	32
480	7000	60	3.44	58	116	174	233	291	6	13	19	25	32
520	7000	60	3.37	57	114	171	228	285	6	12	19	25	31
560	7000	60	3.30	56	112	167	223	279	6	12	18	24	30
360	7500	60	3.97	67	134	201	268	335	7	14	20	27	34
400	7500	60	3.88	66	131	197	262	328	7	13	20	27	33
440	7500	60	3.80	64	128	192	257	321	7	13	20	26	33
480	7500	60	3.72	63	126	188	251	314	6	13	19	25	32
520	7500	60	3.64	61	123	184	246	307	6	12	19	25	31
560	7500	60	3.57	60	120	181	241	301	6	12	18	24	31
360	8000	60	4.28	72	144	217	289	361	7	14	21	28	34
400	8000	60	4.18	71	141	212	282	353	7	13	20	27	34
440	8000	60	4.09	69	138	207	276	345	7	13	20	26	33
480	8000	60	4.00	68	135	203	270	338	6	13	19	26	32
520	8000	60	3.92	66	132	199	265	331	6	13	19	25	31
560	8000	60	3.84	65	130	194	259	324	6	12	18	25	31
360	8500	60	4.59	77	155	232	310	387	7	14	21	28	35
400	8500	60	4.48	76	152	227	303	379	7	14	20	27	34
440	8500	60	4.39	74	148	222	296	370	7	13	20	27	33
480	8500	60	4.29	73	145	218	290	363	7	13	20	26	33
520	8500	60	4.20	71	142	213	284	355	6	13	19	25	32
560	8500	60	4.12	70	139	209	278	348	6	12	19	25	31

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGL	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	9000	60	4.91	83	166	249	332	415	7	14	21	28	35
400	9000	60	4.80	81	162	243	324	405	7	14	21	28	34
440	9000	60	4.69	79	159	238	317	396	7	13	20	27	34
480	9000	60	4.59	78	155	233	310	388	7	13	20	26	33
520	9000	60	4.50	76	152	228	304	380	6	13	19	26	32
560	9000	60	4.40	74	149	223	298	372	6	13	19	25	31
360	9500	60	5.24	88	177	265	354	442	7	14	21	29	36
400	9500	60	5.12	86	173	259	346	432	7	14	21	28	35
440	9500	60	5.01	85	169	254	338	423	7	14	20	27	34
480	9500	60	4.90	83	166	248	331	414	7	13	20	27	33
520	9500	60	4.80	81	162	243	324	405	7	13	20	26	33
560	9500	60	4.70	79	159	238	317	397	6	13	19	25	32
360	10000	60	5.58	94	188	283	377	471	7	14	22	29	36
400	10000	60	5.45	92	184	276	368	460	7	14	21	28	35
440	10000	60	5.33	90	180	270	360	450	7	14	21	28	34
480	10000	60	5.21	88	176	264	352	440	7	13	20	27	34
520	10000	60	5.10	86	172	259	345	431	7	13	20	26	33
560	10000	60	5.00	84	169	253	338	422	6	13	19	26	32
360	10500	60	5.92	100	200	300	400	500	7	15	22	29	37
400	10500	60	5.79	98	196	293	391	489	7	14	21	29	36
440	10500	60	5.66	96	191	287	382	478	7	14	21	28	35
480	10500	60	5.54	94	187	281	374	468	7	14	20	27	34
520	10500	60	5.42	92	183	275	366	458	7	13	20	27	33
560	10500	60	5.31	90	179	269	359	448	7	13	20	26	33

RANGEWIND SIGHTING CORRECTIONS

AIRCRAFT - F-100 ORDNANCE - 5.0 INCH HPAR ZUNI

LAU-10/A LAUNCHER.

TAS	ALT ABOVE TGT	DIVE ANGLE	TIME OF FLT	WIND EFFECT-FT					SIGHTING CORRECTION-MILS				
				WIND VELOCITY-KTS									
KTS	FT	DEG	SEC	10	20	30	40	50	10	20	30	40	50
360	11000	60	6.28	106	212	318	424	530	7	15	22	30	37
400	11000	60	6.13	104	207	311	414	518	7	14	22	29	36
440	11000	60	6.00	101	203	304	405	507	7	14	21	28	35
480	11000	60	5.87	99	198	297	396	496	7	14	21	28	35
520	11000	60	5.74	97	194	291	388	485	7	14	20	27	34
560	11000	60	5.63	95	190	285	380	475	7	13	20	26	33
360	11500	60	6.64	112	224	336	448	560	8	15	23	30	38
400	11500	60	6.49	110	219	329	438	548	7	15	22	29	37
440	11500	60	6.34	107	214	321	429	536	7	14	21	29	36
480	11500	60	6.21	105	210	314	419	524	7	14	21	28	35
520	11500	60	6.08	103	205	308	410	513	7	14	21	27	34
560	11500	60	5.95	101	201	302	402	503	7	13	20	27	33
360	12000	60	7.00	118	237	355	473	592	8	15	23	30	38
400	12000	60	6.85	116	231	347	463	578	7	15	22	30	37
440	12000	60	6.70	113	226	339	452	566	7	14	22	29	36
480	12000	60	6.55	111	221	332	443	553	7	14	21	28	35
520	12000	60	6.41	108	217	325	433	542	7	14	21	28	35
560	12000	60	6.28	106	212	318	424	531	7	14	20	27	34

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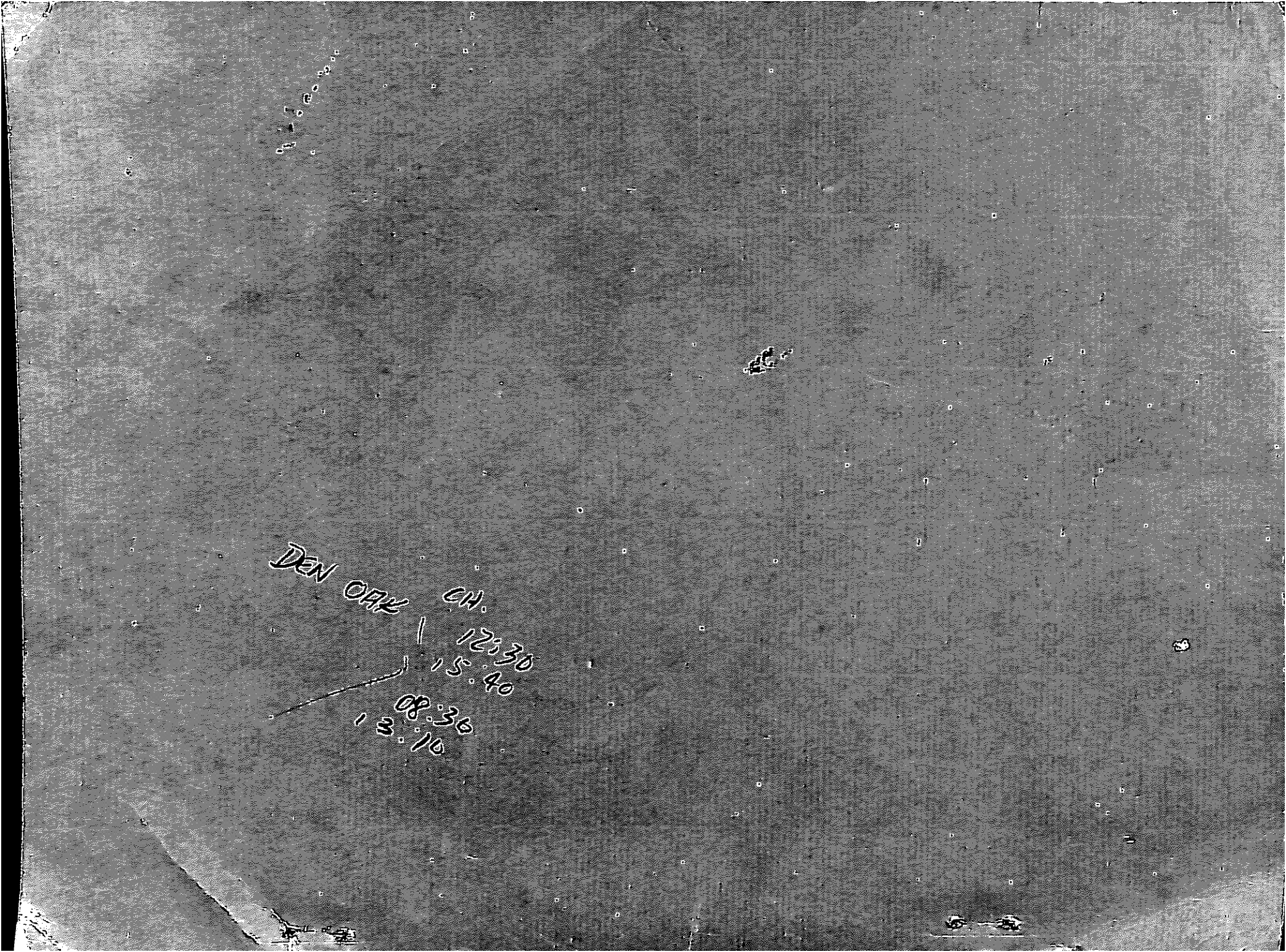
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